

INEOS
Styrolution

Ready for the road ahead

Styrenics. Engineering the future of automotive design.



#1
Global leader
in styrenics

14
production
sites

6
R&D
centres

~2500
employees

8
countries








3,500+
customers



90+ years
of experience in styrenics

2,000+

applications
across 7 industries:

-  Household
-  Electronics
-  Automotive
-  Construction
-  Healthcare
-  Packaging
-  Toys, sports & leisure

Styrenics. Driving automotive design forward.

From exterior body parts to refined interior surfaces, styrenics combine performance, design freedom and efficiency. Their strength, heat & UV resistance, dimensional stability and low emissions meet the needs of modern vehicle design.

Why styrenics from INEOS Styrolution

- Global manufacturing footprint
- Complete portfolio with reliable global supply
- Outstanding surface quality, durability, and design flexibility
- Customised grades developed in collaboration with customers
- Strong innovation & technical support

Our ECO grades: Same performance. Lower footprint.

- Drop-in solutions with identical quality and processability
- Bio-attributed and recycled options via mass balance
- Certified under independent schemes such as ISCC PLUS
- Designed to help reduce your carbon footprint

Exteriors



Interiors



Trucks & agricultural vehicles



Applications for exteriors



Applications for exteriors

- Engineered for impact, weather resistance and lasting appearance
- Designed to perform under demanding road and climate conditions

Autonomous driving

- Excellent wave permeability
- High heat resistance

Exterior trims

- Very high impact strength
- High flowability
- Excellent paintability
- Excellent colour match capabilities

Fascia & mounting brackets

- Very high impact strength
- High flowability
- Excellent dimensional stability

Front grills

- Excellent surface aesthetics
- Very high impact strength
- High heat resistance
- Enhanced UV performance
- Excellent dimensional stability
- Excellent foil adhesion

Front & rear light housings

- Highest heat strength
- High flowability
- Excellent coatability (e.g. PVD)

Pillars

- High impact strength
- High flowability
- Excellent adhesion in 2K processes
- Excellent surface aesthetics

Rearview mirrors

- Very high impact strength
- High flowability
- High heat resistance
- Enhanced UV performance
- Excellent surface aesthetics
- Excellent paintability

Spoilers

- High impact strength
- High heat resistance
- Enhanced UV performance
- Excellent surface aesthetics
- Excellent paintability
- Excellent colour match capabilities

Winglets

- High impact strength
- High heat resistance
- Enhanced UV performance
- Excellent surface aesthetics

Key grades **global**

			Autonomous driving	Exterior trims	Fascia & mounting brackets	Front grills	Front & rear light housings	Pillars	Rearview mirrors	Spoilers	Winglets	
			EXTERIOIRS	Mould-in colour	Luran® S 797S		X					
Luran® S 777K	X					X						
Luran® S 778T		X			X	X	X	X	X	X	X	
Luran® S KR2866C						X						
Luran® S KR2861/ 1C	X								X			
Luran® S KR2864C								X		X		
Luran® HH-120									X		X	
	Novodur® HH106			X		X	X	X	X	X	X	
	Novodur® H701								X			
	Novodur® H702			X							X	
	Novodur® HH112			X			X	X	X	X	X	
	Novodur® H801			X	X		X	X	X	X	X	
	Novodur® H802						X					
	Novodur® Ultra 4255			X					X		X	
Electroplating	Novodur® P2MC			X								
	Novodur® Ultra 4140PG			X								
Reinforced	Novodur® HH-106 G1			X								
	Novodur® HH-106 G2			X					X		X	
	Novodur® P2HGV			X					X		X	

Key grades EMEA

			Exterior trims	Fascia & mounting brackets	Front grills	Front & rear light housings	Pillars	Rearview mirrors	Spoilers	Winglets	
			EXTERIOIRS	Mould-in colour	Luran® S 797S	High impact ASA	X				
Luran® S 778T	High flow ASA	X			+	X	+	X	X	X	+
Luran® S KR2866C	ASA/ PC					+					
Luran® S KR2861/ 1C	PC/ ASA				+				+		
Luran® S KR2864C	High flow PC/ ASA	+				+		X		+	
Luran® HH-120	High heat SAN								+		X
	Novodur® HH-106	High heat ABS		+		+	+	X	X	+	
	Novodur® H701	High heat high flow ABS							X		
	Novodur® H702	High heat high flow ABS		+						X	
	Novodur® HH-112	Very high heat ABS		+			X	+		+	
	Novodur® H801	High impact ABS		X	X	+	+	+		X	
	Novodur® H802	Very high heat ABS					+				
	Novodur® Ultra 4255	Very high impact ABS/ PC		X				+		+	
Electroplating	Novodur® P2MC	High flow platable ABS		X							
	Novodur® Ultra 4140PG	High impact & heat platable ABS/ PC		X							
	Novodur® HH-106 G2	8% GF high heat ABS		+				X		+	
	Novodur® P2HGV	16% GF ABS						+		X	

X: Recommended grade
+: Alternative offering

Key grades APAC

			Autonomous driving	Exterior trims	Fascia & mounting brackets	Front grills	Front & rear light housings	Pillars	Rearview mirrors	Spoilers	Winglets	
			EXTERIOIRS	Pre-coloured unpainted	Luran® S 778T	High heat ASA	X	X	X	X	X	
Luran® S 758HG	High gloss ASA					X	X	X	X	X	X	
Luran® S 757G	High flow ASA	X					X		X	X	X	
Luran® S 777K	Standard ASA	X					X		X	X	X	
Luran® SC KR2861/1C	PC/ASA	X			X	X	X				X	
Painted	Novodur® N. 440	General-purpose ABS								X		
	Novodur® HH-102	Medium heat ABS								X		
	Novodur® HH-106	High heat ABS Hot plate welding			X		X	X	X	X	X	
	Novodur® HH-106 Q712	High heat ABS			X		X		X	X	X	
	Novodur® HH-112	Very high heat ABS Hot plate welding			X			X	X		X	
	Novodur® HH-112 Q711	Very high heat ABS			X				X		X	
Electroplating	Novodur® P2MC	High flow platable ABS			X							
	Novodur® Ultra 4140PG	High impact & heat platable ABS/ PC			X							

Applications for interiors



INSTRUMENT PANEL CLUSTERS
Novodur® High Heat

STEERING COLUMNS
Novodur® High Heat

DOOR HANDLES
Novodur® High Heat

DOOR PANELS
Novodur® High Heat

INTERIOR PILLARS
Novodur® High Heat

CENTRE & FASCIA CONSOLES
Novodur® High Heat

OVERHEAD CONSOLES
Luran® SC
Terblend® N

GLOVE BOXES
Novodur® High Heat

LOUDSPEAKER GRILLS
Terblend® N
Terblend® S

LOWER SEAT TRIMS
Novodur® High Heat
Terblend® N

SEAT COVERS
Novodur® High Heat
Terblend® N
Terblend® S

Applications for interiors

- Aesthetics and performance combined
- Delivers surface quality, low emissions and long-term durability

Centre consoles

- High impact strength
- High heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent foil adhesion

Door handles

- Highest impact strength
- High heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent paintability

Door panels

- High impact strength
- High heat resistance
- Excellent flow
- Low emissions
- Dimensional stability

Glove boxes

- High impact strength
- High heat resistance
- Excellent flow
- Low emissions
- Dimensional stability

Interior pillars

- High impact strength
- High heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent surface aesthetics

Instrument panel clusters

- High impact strength
- Highest heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent surface aesthetics
- Excellent foil adhesion

Loudspeaker grills

- High impact strength
- High heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent surface aesthetics
- Excellent noise dampening

Overhead consoles

- High impact strength
- Highest heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent surface aesthetics
- Excellent foil adhesion

Seat covers & trims

- High impact strength
- High heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent surface aesthetics

Steering columns

- High impact strength
- Highest heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent surface aesthetics

Key grades **global**

				Centre consoles	Door panels	Glove boxes	Instrument panel clusters	Loudspeaker grills	Lower and upper ABC pillars	Seat covers	Interior trims	
INTERIORS	Low emissions	Novodur® H605	Medium heat enhanced flow ABS						X	X		
		Novodur® H701	High heat ABS	X	X		X					
		Novodur® H801	High impact ABS	X	X						X	
		Novodur® Ultra 4255	Very high impact ABS/ PC	X	X	X	X		X			
		Terblend® N NG-02EF	High flow & low gloss					X				
		Terblend® N NM-21EF	High flow & low gloss					X			X	
		Terblend® S NM-31	High flow & low gloss					X				
	Terblend® S NG-02EF	High flow & high modulus ABS/ PA/ GF					X					
	Electroplating	Novodur® P2MC	High flow platable ABS									X
		Novodur® Ultra 4140PG	High impact & heat platable ABS/ PC									X

Key grades EMEA

				Centre consoles	Door panels	Glove boxes	Instrument panel clusters	Loudspeaker grills	Lower and upper ABC pillars	Seat covers	Interior trims	
				INTERIORS	Low emissions	Novodur® H605	Medium heat enhanced flow ABS					
Novodur® H701	High heat ABS	+	X				+					
Novodur® H801	High impact ABS	+	+							+		
Novodur® Ultra 4255	Very high impact ABS/ PC	X	+			X	X		+			
Terblend® N NG-02EF	High flow & low gloss							+				
Terblend® N NM-21EF	High flow & low gloss							X		+		
Terblend® S NM-31	High flow & low gloss							+				
Terblend® S SG-02EF	High flow & high modulus ABS/ PA/ GF							+				
Electroplating	Novodur® P2MC	High flow platable ABS										X
	Novodur® Ultra 4140PG	High impact & heat platable ABS/ PC										X

X: Recommended grade
+: Alternative offering

Key grades APAC

			Centre consoles	Door panels	Glove boxes	Instrument panel clusters	Loudspeaker grills	Lower and upper ABC pillars	Seat covers	Interior trims
INTERIORS	Low emissions	Novodur® H605	Medium heat enhanced flow ABS					X	X	
		Novodur® H701	High heat ABS	X	X		X			
		Novodur® HH-106 Q712	High heat ABS	X	X		X		X	X
		Novodur® H801	High impact ABS	X	X					X
		Novodur® HH-112 Q711	High heat ABS	X	X	X	X		X	
		Novodur® Ultra 4255	Very high impact ABS/ PC	X	X	X	X		X	
		Terblend® N NG-02EF	High flow & low gloss	X				X		
		Terblend® N NM-21EF	High flow & low gloss					X		X
		Terblend® S NM-31	High flow & low gloss					X		
	Electroplating	Novodur® P2MC	High flow platable ABS							
Novodur® Ultra 4140PG		High impact & heat platable ABS/ PC								X

Exterior applications for trucks & agricultural vehicles



TRUCK MIRRORS & SIDE PANELS
Luran® S

TRUCK FRONT GRILLS
Luran® SC



CABIN PARTS & BODY PANELS
Luran® S
Luran® SC
Novodur® High Heat

CONTROL PANEL HOUSINGS
Terblend®

EXTERIOR TRIMS & ROOFS
Luran® S

Exterior applications for trucks & agricultural vehicles

- Built for tough environments and heavy-duty use.
- Reliable performance, durability and design flexibility for work-driven vehicles

Truck mirrors & side panels

- Very high UV resistance
- High impact resistance
- Dimensional stability
- High surface quality aesthetics

Truck front grills

- Very high impact resistance
- High UV resistance
- High surface quality aesthetics
- Excellent dimensional stability

Cabin parts & body panels

- Very high UV resistance
- High impact resistance
- High surface quality aesthetics

Control panel housings

- Low emissions
- High heat resistance
- High impact resistance
- Excellent flowability

Exterior trims & roofs

- Very high UV resistance
- High impact resistance
- High surface quality aesthetics

Applications for truck interiors

INSTRUMENT PANEL CLUSTERS
Novodur® High Heat

STEERING COLUMNS
Novodur® High Heat

DOOR HANDLES
Novodur® High Heat

DOOR PANELS
Novodur® High Heat

INTERIOR PILLARS
Novodur® High Heat

CENTRE & FASCIA CONSOLES
Novodur® High Heat



OVERHEAD CONSOLES
Luran® SC
Terblend® N

GLOVE BOXES
Novodur® High Heat

LOUDSPEAKER GRILLS
Terblend® N
Terblend® S

LOWER SEAT TRIMS
Novodur® High Heat
Terblend® N

SEAT COVERS
Novodur® High Heat
Terblend® N
Terblend® S

Applications for truck interiors

- Aesthetics and performance combined
- Delivers surface quality, low emissions and long-term durability

Centre consoles

- High impact strength
- High heat resistance
- Excellent flow
- Low emissions
- Dimensional stability

Door handles

- Highest impact strength
- High heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent paintability

Door panels

- High impact strength
- High heat resistance
- Excellent flow
- Low emissions
- Dimensional stability

Glove boxes

- High impact strength
- High heat resistance
- Excellent flow
- Low emissions
- Dimensional stability

Interior pillars

- High impact strength
- High heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent surface aesthetics

Instrument panel clusters

- High impact strength
- Highest heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent surface aesthetics

Loudspeaker grills

- High impact strength
- High heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent surface aesthetics
- Excellent noise dampening

Overhead consoles

- High impact strength
- Highest heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent surface aesthetics

Seat covers & trims

- High impact strength
- High heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent surface aesthetics

Steering columns

- High impact strength
- Highest heat resistance
- Excellent flow
- Low emissions
- Dimensional stability
- Excellent surface aesthetics

Key grades

TRUCKS & AGRI VEHICLES

			Truck interiors	Truck exteriors	Tractor interiors	Tractor exteriors
ASA Good flow	Luran S 777K	ASA		X	X	X
ASA High Heat	Luran S 778T	ASA		X	X	X
ASA High impact	Luran S 797S	ASA		X	X	X
ASA High flow	Luran S 757G	ASA			X	X
ASA/PC High impact	Luran S KR 2861/1C	ASA/PC		X	X	X
ASA/PC Low emission / Very high heat	Luran S KR 2863 C	ASA/PC	X	X		
ASA/PC High flow	Luran S KR 2864 C	ASA/PC		X		
Balanced ASA/PC	Luran S KR 2866 C	ASA/PC		X		
ABS/PA High flow	Terblend N NM -21EF	ABS/PA	X		X	
ABS/PA GF	Terblend N NG-02 EF	ABS/PA GF 8%	X		X	
ASA/PA	Terblend S NM-31	ASA/PA	X		X	
ABS/PC High impact	Novodur Ultra 4255	ABS/PC	X	X*	X	X*
ABS high heat low emission	Novodur H701	ABS	X	X*	X	X*
ABS middle heat low emission	Novodur H605	ABS	X		X	
ABS high heat and impact low emission	Novodur H801	ABS	X	X*	X	X*
Plating	Novodur P2MC	ABS	X	X	X	X
Plating HH	Novodur Ultra 4140 PG	ABS/PC	X	X	X	X

* Exterior painted



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