

INSPIRE™ T710-25 ES

Performance Polymers

Trinseo

Message:

T710-25 ES Polypropylene Resin DA™ is a high impact TPO with enhanced flow, scratch and mar, and surface aesthetics for excellent molded-in-color appearance for automotive interior applications.

Main Characteristics:

Tiger stripe free

Slip agent

Approved on DaimlerChrysler MS-DB500

General Information			
Additive	Slip		
Features	High Impact Resistance		
	Pleasing Surface Appearance		
	Scratch Resistant		
	Slip		
Uses	Automotive Applications		
	Automotive Interior Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.897	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	27	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	19.6	MPa	ISO 527-2/50
Flexural Modulus ¹	966	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	5.4	kJ/m ²	ASTM D3763
23°C	49	kJ/m ²	
Instrumented Dart Impact ²			
-29°C, Ductile	46.0	J	ASTM D3763
23°C, Ductile	30.0	J	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	77.0	°C	ISO 75-2/Bf
1.8 MPa, Unannealed	48.0	°C	ISO 75-2/Af
NOTE			

1.	2.0 mm/min
2.	6.60 m/sec

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

