

Ineos ABS Lustran® 261 ABS, High-Impact Blending Grade

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Impact Grade, Molded

Material Notes:

Lustran® ABS 261 resin is a natural, stiffer-flow, virgin blending grade of ABS (acrylonitrile butadiene styrene). It is designed for use with other high-impact ABS resins for drain, waste, and vent (DWV) pipe and fittings. Lustran® ABS 261 resin in natural color (000000) meets or exceeds ASTM D 3965 2-1-2-2-2 cell class requirements, and is listed under NSF Standard 14. Lustran® ABS 261 resin is also listed under CSA Standard B181.1.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-ABS-Lustran-261-ABS-High-Impact-Blending-Grade.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ASTM-D792
Melt Flow	6.0 g/10 min	6.0 g/10 min	Index; ASTM-D1238
	@Load 10.0 kg, Temperature 220 °C	@Load 22.0 lb, Temperature 428 °F	
	11 g/10 min	11 g/10 min	Rate; ASTM-D1238
	@Load 10.0 kg, Temperature 230 °C	@Load 22.0 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	37.0 MPa	5370 psi	ASTM-D638
Tensile Modulus	2.00 GPa	290 ksi	ASTM-D638
Izod Impact, Notched	1.12 J/cm	2.10 ft-lb/in	ASTM-D256
	@Thickness 3.20 mm, Temperature -30.0 °C	@Thickness 0.126 in, Temperature -22.0 °F	
	2.56 J/cm	4.80 ft-lb/in	ASTM-D256
	@Thickness 3.20 mm, Temperature 23.0 °C	@Thickness 0.126 in, Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	101 °C	214 °F	Annealed; ASTM-D648
	@Thickness 6.40 mm	@Thickness 0.252 in	

Processing Properties	Metric	English	Comments
Melt Temperature	232 - 243 °C	450 - 469 °F	Injection Molding
	232 - 243 °C	450 - 469 °F	Extrusion

Processing Properties	Metric	English	Comments
	°C	°F	
Drying Temperature	82.0 - 93.0 °C	180 - 199 °F	
	@Time 7200 sec	@Time 2.00 hour	
Moisture Content	<= 0.050 %	<= 0.050 %	
Dew Point	<= -29.0 °C	<= -20.2 °F	inlet air

Descriptive Properties	Value	Comments
Injection Pressure	Moderately High to High, Injection Molding	
Injection Speed	Moderate to Fast	Injection Molding
Screw Compression Ratio	2.4-2.8:1	Extrusion
Screw Length-to-Diameter Ratio	24-36:1	Extrusion

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China