Lustran® ABS 261

Acrylonitrile Butadiene Styrene

INEOS ABS (USA)

Message:

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. As with any product, use of Lustran ABS 261 resin in a given application must be tested (including but not limited to field testing) in advance by the user to determine suitability.

General Information	
Features	Impact resistance, high Medium liquidity
Uses	Piping system Accessories
Agency Ratings	ASTM D 3965 Class 3-2-2-2-2 CSA B181.1 EC 1907/2006 (REACH) NSF 14
Appearance	Natural color
Forms	Particle
Processing Method	Extrusion Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
220°C/10.0 kg	6.0	g/10 min	ASTM D1238
230°C/10.0 kg	11	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2000	MPa	ASTM D638
Tensile Strength (Yield)	37.2	MPa	ASTM D638
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ASTM D256
-30°C, 3.18 mm	110	J/m	ASTM D256
23°C, 3.18 mm	260	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Annealed, 6.35 mm)	101	°C	ASTM D648

Injection	Nominal Value	Unit
Drying Temperature	82.2 - 93.3	°C
Drying Time	2.0	hr
Suggested Max Moisture	< 0.050	%
Suggested Max Regrind	40	%
Processing (Melt) Temp	232 - 243	°C
Mold Temperature	43.3 - 65.6	°C
Injection Rate	Moderate-Fast	

Injection instructions
Injection Pressure: Moderately High to HighCushion: Minimum

Extrusion	Nominal Value	Unit
Drying Temperature	82.2 - 93.3	°C
Drying Time	2.0	hr
Suggested Max Moisture	0.050	%
Melt Temperature	232 - 243	°C

Extrusion instructions
Compression Ratio: 2.4:1.0 to 2.8:1.0L/D Ratio: 24.0: to 36.0:1.0Max Regrind Allowed: 40%

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

WECHAT