

Lustran 241

Acrylonitrile Butadiene Styrene (ABS)

TECHNICAL DATASHEET

DESCRIPTION

Lustran® 241 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 241 resin in natural color (000000) meets or exceeds ASTM D 3965 1-1-2-2-2 cell class requirements. It is also listed under NSF Standard 14. As with any product, use of Lustran ABS 241 resin in a given application must be tested (including but not limited to field testing) in advance by the user to determine suitability.

FEATURES

- High Impact
- Natural color
- Meets or exceeds ASTM D 3965 1-1-2-2-2 cell classification
- Listed under NSF Standard 14

APPLICATIONS

- DWV for pipe and fittings

Property, Test Condition	Standard	Unit	Values
Rheological Properties			
Melt Flow Rate, 220 °C/10 kg	ASTM D 1238	g/10 min	15
Mechanical Properties			
Izod Notched Impact Strength, 23 °C (73 °F)	ASTM D 256	ft-lb/in	2.6
Izod Notched Impact Strength, -30 °C (-22 °F)	ASTM D 256	ft-lb/in	1.5
Tensile Stress at Yield, 23 °C	ASTM D 638	psi	6000
Tensile Modulus	ASTM D 638	psi x 10 ³	360
Thermal Properties			
DTUL @ 264 psi - Annealed	ASTM D 648	°F	216
Other Properties			
Density	ASTM D 792	lb/in ³	1.05
Processing			
Drying Temperature	-	°F	175
Drying Time	-	h	2 - 4