

## Ineos ABS Lustran® 750 ABS, Molding Grade

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

### Material Notes:

Lustran® 750 resin is a black, virgin injection molding grade of ABS (Acrylonitrile Butadiene Styrene). It is designed for molded drain, waste, and vent (DWV) fittings. Lustran® 750 (901802 black) resin meets or exceeds ASTM D 3965 3-2-2-2 cell class requirements for ASTM F 628 and D 2661. It is also listed under NSF Standard 14.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ineos-ABS-Lustran-750-ABS-Molding-Grade.php](http://www.lookpolymers.com/polymer_ineos-ABS-Lustran-750-ABS-Molding-Grade.php)

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in <sup>3</sup>	ASTM-D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	45.0 MPa	6530 psi	ASTM-D638
Tensile Modulus	2.10 GPa	305 ksi	ASTM-D638
Izod Impact, Notched	1.87 J/cm	3.50 ft-lb/in	ASTM-D256
	@Thickness 3.20 mm, Temperature -30.0 Å°C	@Thickness 0.126 in, Temperature -22.0 Å°F	
	3.74 J/cm	7.01 ft-lb/in	ASTM-D256
	@Thickness 3.20 mm, Temperature 23.0 Å°C	@Thickness 0.126 in, Temperature 73.4 Å°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	100 Å°C	212 Å°F	Annealed; ASTM-D648
	@Thickness 6.35 mm	@Thickness 0.250 in	

Processing Properties	Metric	English	Comments
Melt Temperature	232 - 243 Å°C	450 - 469 Å°F	Injection Molding
Mold Temperature	43.0 - 66.0 Å°C	109 - 151 Å°F	Injection Molding
Drying Temperature	82.0 - 93.0 Å°C	180 - 199 Å°F	
	@Time 7200 sec	@Time 2.00 hour	
Moisture Content	<= 0.050 %	<= 0.050 %	
Dew Point	<= -29.0 Å°C	<= -20.2 Å°F	inlet air

Descriptive Properties	Value	Comments
Injection Pressure	Moderately High to High, Injection Molding	
Injection Speed	Moderate to Fast	Injection Molding

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China