

## Ineos ABS Lustran® 256/Lustran® 752 Blended ABS Resin

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

### Material Notes:

50/50 pellet blend of Lustran® 256 ABS and high-impact Lustran® 752 ABS

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ineos-ABS-Lustran-256Lustran-752-Blended-ABS-Resin.php](http://www.lookpolymers.com/polymer_ineos-ABS-Lustran-256Lustran-752-Blended-ABS-Resin.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	34.0 MPa	4930 psi	ASTM-D638
Tensile Modulus	2.00 GPa	290 ksi	ASTM-D638
Flexural Yield Strength	61.0 MPa	8850 psi	ASTM-D790
Flexural Modulus	2.00 GPa	290 ksi	ASTM-D790
Izod Impact, Notched	0.910 J/cm	1.70 ft-lb/in	ASTM-D256
	@Thickness 3.20 mm, Temperature -40.0 Å°C	@Thickness 0.126 in, Temperature -40.0 Å°F	
	1.60 J/cm	3.00 ft-lb/in	
Impact Test	@Thickness 3.20 mm, Temperature -18.0 Å°C	@Thickness 0.126 in, Temperature -0.400 Å°F	ASTM-D256
	2.99 J/cm	5.60 ft-lb/in	
	@Thickness 3.20 mm, Temperature 23.0 Å°C	@Thickness 0.126 in, Temperature 73.4 Å°F	
Impact Test	18.0 J	13.3 ft-lb	Instrumented Impact (0.5-in. dart, 3-in. clamp, 7.6 mph); Peak Energy; ASTM-D3763
	@Temperature -40.0 Å°C	@Temperature -40.0 Å°F	
	19.0 J	14.0 ft-lb	
Impact Test	@Temperature -40.0 Å°C	@Temperature -40.0 Å°F	Instrumented Impact (0.5-in. dart, 3-in. clamp, 7.6 mph); Total Energy; ASTM-D3763
	23.0 J	17.0 ft-lb	
	@Temperature -18.0 Å°C	@Temperature -0.400 Å°F	
Impact Test	26.0 J	19.2 ft-lb	Instrumented Impact (0.5-in. dart, 3-in. clamp, 7.6 mph); Total Energy; ASTM-D3763
	@Temperature -18.0 Å°C	@Temperature -0.400 Å°F	
	31.0 J	22.9 ft-lb	
Impact Test	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	Instrumented Impact (0.5-in. dart, 3-in. clamp, 7.6 mph); Peak Energy; ASTM-D3763

Mechanical Properties	Metric	English	Comments
	45.0 J	31.7 ft-lb	Instrumented Impact (0.5 in. dart, 3 in. clamp, 7.6 mph); Total Energy; ASTM-D3763
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	85.0 Å°C	185 Å°F	Unannealed; ASTM-D648

Optical Properties	Metric	English	Comments
Gloss	40 %	40 %	Formed, Angle 60Å°; ASTM-D523
	85 %	85 %	Sheet, Angle 60Å°; ASTM-D523

## Contact Songhan Plastic Technology Co.,Ltd.

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