

## Lucent Polymers ABS-45T Acrylonitrile Butadiene Styrene, High Impact

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

**Material Notes:**

Add "R" for Added ReleaseAdd "U" for UV StabilizerInformation provided by Lucent Polymers, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lucent-Polymers-ABS-45T-Acrylonitrile-Butadiene-Styrene-High-Impact.php](http://www.lookpolymers.com/polymer_Lucent-Polymers-ABS-45T-Acrylonitrile-Butadiene-Styrene-High-Impact.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0060 cm/cm @Thickness 3.17 mm	0.0060 in/in @Thickness 0.125 in	1/8" Section
Melt Flow	5.0 g/10 min	5.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	37.93 MPa	5501 psi	ASTM D638
Elongation at Yield	>= 10 %	>= 10 %	ASTM D638
Flexural Strength	74.48 MPa	10800 psi	ASTM D790
Flexural Modulus	2.2069 GPa	320.08 ksi	ASTM D790
Izod Impact, Notched	3.20 J/cm @Thickness 3.17 mm, Temperature 22.8 Â°C	6.00 ft-lb/in @Thickness 0.125 in, Temperature 73.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	82.22 Â°C	180.0 Â°F	ASTM D648

### Contact Songhan Plastic Technology Co.,Ltd.

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