

## I. Stern 750SW Medium Impact Natural ABS

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

**Material Notes:**

Features: Easy color-ability Injection Molding Applications Office equipment Electronic parts Spools, Reels Information provided by I. Stern & Co. Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_I-Stern-750SW-Medium-Impact-Natural-ABS.php](http://www.lookpolymers.com/polymer_I-Stern-750SW-Medium-Impact-Natural-ABS.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Melt Flow	4.2 g/10 min	4.2 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 200 Â°C	@Load 11.0 lb, Temperature 392 Â°F	
	35 g/10 min	35 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 220 Â°C	@Load 22.0 lb, Temperature 428 Â°F	
	50 g/10 min	50 g/10 min	ASTM D1238
	@Load 21.6 kg, Temperature 200 Â°C	@Load 47.6 lb, Temperature 392 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	110	110	ASTM D785
Tensile Strength	47.97 MPa	6958 psi	ASTM D638
Elongation at Yield	15 %	15 %	ASTM D638
Flexural Strength	68.5 MPa	9940 psi	ASTM D790
Flexural Modulus	2.350 GPa	340.8 ksi	ASTM D790
Izod Impact, Notched	2.46 J/cm	4.60 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Heat Distortion Temperature	85.0 Â°C	185 Â°F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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