

## Breplast Bretene SPF Thermoplastic Composite, 40% PP + 60% PE

Category : Polymer , Thermoplastic , Polyethylene (PE) , Polypropylene (PP)

**Material Notes:**

Recovered polypropylene and polyethylene composite Information provided by Breplast S.p.A.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Breplast-Bretene-SPF-Thermoplastic-Composite-40-PP-60-PE.php](http://www.lookpolymers.com/polymer_Breplast-Bretene-SPF-Thermoplastic-Composite-40-PP-60-PE.php)

Physical Properties	Metric	English	Comments
Density	>= 0.930 g/cc	>= 0.0336 lb/in <sup>3</sup>	ISO 1183-1
Melt Flow	1.5 - 3.0 g/10 min	1.5 - 3.0 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	4.0 - 6.0 g/10 min	4.0 - 6.0 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	5.00 MPa	725 psi	ISO 527
Tensile Strength, Yield	5.00 MPa	725 psi	ISO 527
Elongation at Break	15 %	15 %	ISO 527
Flexural Strength	23.0 MPa	3340 psi	ISO 178
Flexural Modulus	0.890 GPa	129 ksi	ISO 178
Izod Impact, Notched	0.0900 J/cm	0.169 ft-lb/in	ISO 180

Thermal Properties	Metric	English	Comments
Vicat Softening Point	126 °C	259 °F	A50; ISO 306

Descriptive Properties	Value	Comments
Color	Dark Grey	

## Contact Songhan Plastic Technology Co.,Ltd.

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