

Dow 5E89 Polypropylene Resin

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

DOW 5E89 is intended for use in stretched tape (raffia) processes, from which the raffia is used to produce woven fabrics for carpet backing, sacking, industrial and geotextile applications. Information provided by DowDow Announced Sale of Global Polypropylene Business to Braskem in July 2011.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-5E89-Polypropylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792
Melt Flow	4.3 g/10 min @Temperature 230 °C	4.3 g/10 min @Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	102	102	ASTM D785
Tensile Strength, Yield	34.0 MPa	4930 psi	molded and tested in accordance with ASTM D 4101; ASTM D638
Elongation at Yield	8.0 %	8.0 %	molded and tested in accordance with ASTM D 4101; ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	1% Secant; molded and tested in accordance with ASTM D 4101; ASTM D790A
Izod Impact, Notched	0.320 J/cm	0.600 ft-lb/in	molded and tested in accordance with ASTM D 4101; ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	220 °F	unannealed; molded and tested in accordance with ASTM D 4101; ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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