

SABIC PP 519A Polypropylene Homopolymer for Spunbond Applications

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Fiber Grade

Material Notes:

Product Description: PP 519A is a controlled rheology grade with a narrow molecular weight distribution intended for spun bond fiber extrusion applications. PP 519A has the following features: Consistent processability Good thread line stability Good color consistency Good gas fading resistance
Typical Applications: PP 519A can be found suitable for the high speed production of fine filament spun bond fabrics having excellent tensile properties and softness. Information provided by SABIC.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-PP-519A-Polypropylene-Homopolymer-for-Spunbond-Applications.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D792
Melt Flow	35 g/10 min @Load 2.16 kg, Temperature 230 °C	35 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	102	102	ASTM D785
Tensile Strength, Yield	31.0 MPa	4500 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus, 1% Secant	1500 MPa	218000 psi	ASTM D790A
Izod Impact, Notched	0.200 J/cm	0.375 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	92.0 °C	198 °F	ASTM D648
Vicat Softening Point	154 °C	309 °F	ASTM D1525B

Processing Properties	Metric	English	Comments
Processing Temperature	210 - 250 °C	410 - 482 °F	Barrel Temperature

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