

Braskem Symbios 4102 Polypropylene Terpolymer

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

Material Notes:

Braskem Symbios 4102 is a medium melt flow rate terpolymer with a heat seal temperature below 120°C on its treated face. It is designed for use as a heat sealing layer on bioriented films (BOPP) and for film coextrusion. This product does not have slip and anti-blocking agents so it's indicated for customized formularization. This product is appropriate for metallization and lamination processes.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-Symbios-4102-Polypropylene-Terpolymer.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ASTM-D792
Melt Flow	5.5 g/10 min	5.5 g/10 min	ASTM-D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	79	79	ASTM-D785
Film Tensile Strength at Yield, TD	13.0 MPa	1890 psi	ASTM-D882
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM-D638
Elongation at Yield	13 %	13 %	ASTM-D638
Flexural Modulus	0.700 GPa	102 ksi	1% secant; ASTM-D790
Izod Impact, Notched	0.200 J/cm	0.375 ft-lb/in	ASTM-D256
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	0.500 J/cm	0.937 ft-lb/in	ASTM-D256
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	48.0 °C	118 °F	ASTM-D648
Deflection Temperature at 1.8 MPa (264 psi)	74.0 °C	165 °F	ASTM-D648
Vicat Softening Point	121 °C	250 °F	ASTM-D1525
	@Load 1.02 kg	@Load 2.25 lb	

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