

Addcomp PRIEX® Ionomer 42101 PP homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Ionomers will be used to strengthen rigidity and hardness while maintaining impact resistance in polyolefins. Maintain adhesion even under contaminated conditions especially in fatty substrates. Reduce thickness in multi-layer films or pipes. Increase elongation resistance in polyolefin fibers. Act as a nucleating agent in polyolefins. Enhance creep resistance in pipes. Reinforce strain hardening in polyolefins. Improve compatibility between different polymers. Increase oxidation resistance in polyolefins. Information provided by Addcomp Polymer Additive Solutions

Order this product through the following link:

http://www.lookpolymers.com/polymer_Addcomp-PRIEX-Ionomer-42101-PP-homopolymer.php

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	41.0 - 44.0 MPa	5950 - 6380 psi	
Elongation at Break	6.0 - 15 %	6.0 - 15 %	
Tensile Modulus	2.10 - 2.45 GPa	305 - 355 ksi	

Thermal Properties	Metric	English	Comments
Melting Point	162 - 167 °C	324 - 333 °F	
Crystallization Temperature	116 - 122 °C	241 - 252 °F	
Deflection Temperature at 0.46 MPa (66 psi)	127 - 131 °C	261 - 268 °F	

Descriptive Properties	Value	Comments
Oxygen induction time	>60 min	

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