

Kuraray HYBRARÂ® Blends

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

Material Notes:

Description: HYBRARÂ® is another in the series of new high performance thermoplastic rubbers developed by KURARAY using their unique isoprene technology. HYBRARÂ® is a special thermoplastic rubber which exhibits high vibration damping properties at room temperatures. Both hydrogenated and non-hydrogenated grades of HYBRARÂ® are available. In addition to the superior vibration damping properties, hydrogenated grades also exhibit excellent miscibility with polypropylene, and may be used to produce blends with excellent transparency, flexibility and mechanical properties. Damping compounds can be produced from the combination of HYBRARÂ®, and inorganic fillers such as mica, graphite, calcium carbonate, etc. Formulation (parts by weight): HYBRARÂ® 5127 - 70, Polybutene - 30, EVA - 20, Mica - 150, Light Calcium Carbonate - 150, Calcium Stearate - 4, Carbon Black (GPF) - 4. Information provided by The Kuraray Group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kuraray-HYBRAR-Blends.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.83 g/cc	1.83 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	89	89	
Tensile Strength, Ultimate	3.60 MPa	522 psi	
Elongation at Break	90 %	90 %	

Descriptive Properties	Value	Comments
Tan Delta	0.51	at 40Â°C, resonance method with a cantilever beam
	0.54	at 0Â°C, resonance method with a cantilever beam
	0.73	at 25Â°C, resonance method with a cantilever beam

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