

Kuraray HYBRARÂ® Low Rebound Compound # 1

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. A low rebound compound can be produced by combining HYBRARÂ® with an atactic polypropylene and process oil. Formulation (parts by weight): HYBRARÂ® 5127 - 100, Atactic Polypropylene - 40, Calcium Carbonate - 110, Process Oil - 80, Hydrogenated Petroleum Resin - 150. Information provided by The Kuraray Group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kuraray-HYBRAR-Low-Rebound-Compound-1.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	3.0	3.0	
Tensile Strength, Ultimate	0.500 MPa	72.5 psi	
Elongation at Break	920 %	920 %	
Rebound	16 %	16 %	

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