

**Kuraray HYBRARÂ® SC2**

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. Blends of HYBRARÂ® with ordinary styrenic soft compounds exhibit excellent rebound properties.

Formulation (parts by weight): SEPTONÂ® 4055 - 100, HYBRARÂ® 5127 - 100, Paraffin Oil - 60, Polypropylene - 40 Information provided by The Kuraray Group.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kuraray-HYBRAR-SC2.php](http://www.lookpolymers.com/polymer_Kuraray-HYBRAR-SC2.php)

Physical Properties	Metric	English	Comments
Melt Index of Compound	6.0 g/10 min	6.0 g/10 min	
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	
Tensile Strength, Ultimate	13.9 MPa	2020 psi	
Elongation at Break	800 %	800 %	
Tensile Modulus	0.00140 GPa	0.203 ksi	
Rebound	12 %	12 %	
Compression Set	17 %	17 %	25Â°C, 22 hours
	59 %	59 %	70Â°C, 22 hours

**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