

KKPC Kumho RM 21 High Styrene Resin Masterbatch (HSR)

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

High Styrene Resin Masterbatch (HSR) Characteristics: KOSYN KHS is produced by mixing SBR 1502 of 23.5% styrene and high styrene resin latex at high temperature. It works as plasticizer which improves processability in rubber compounding, and has superior abrasion resistance, tear resistance and flex crack resistance. Also, it can hold up good physical properties with fillers. This product has superior compounding dispersibility and processability in addition to promoting the stiffness of manufactured goods. Applications: Industrial products such as shoe parts with high-stiffness, sponges, cars, tires Additional Notes: Bound Styrene: 21% Stabilizer: Non-Staining Appearance: Bale Cured Rubber: Press cured 50 minutes at 145°C This product is so sensitive to sunlight and humidity that it can be tarnished and caused deterioration of quality if exposed. It is recommended to store it in cool and shady area lest it should be exposed to direct sunlight. Do not expose to incompatible materials or contaminants. Data provided by Korea Kumho Petrochemical Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_KKPC-Kumho-RM-21-High-Styrene-Resin-Masterbatch-HSR.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	Not Compounded
Mooney Viscosity	41	41	Raw; ML1+4
	@Temperature 100 °C	@Temperature 212 °F	
	55	55	Compounded; ML1+4
	@Temperature 100 °C	@Temperature 212 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	78	78	Cured
Tensile Strength, Ultimate	11.8 MPa	1710 psi	Cured
Elongation at Break	550 %	550 %	Cured
300% Modulus	0.0226 GPa	3.27 ksi	Cured

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