

Chengdu Polyster FR2085 Flame Retardant Grade TPV

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Vulcanizate Elastomer (TPV)

Material Notes:

Good heat stability and light stability. Meets the requirements of European Dioxine Principle and the environmental protection criteria. Can be used for wires, cables, buncles, carcass of train. Information provided by Chengdu Polyster Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chengdu-Polyster-FR2085-Flame-Retardant-Grade-TPV.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	GB 2411
Tensile Strength, Ultimate	7.80 MPa	1130 psi	GB/T 528
Elongation at Break	350 %	350 %	GB/T 528
Tear Strength	36.0 kN/m	205 pli	GB/T 529
Tensile Set	45 %	45 %	100%; GB/T 528

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -60.0 °C	<= -76.0 °F	GB 5470
Flammability, UL94	V-0	V-0	
Oxygen Index	25 %	25 %	GB/T 2406

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+14 ohm-cm	>= 1.00e+14 ohm-cm	GB/T 1409
Dielectric Strength	40.0 kV/mm	1020 kV/in	GB/T 1408.1

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