tefabloc® TO 138

Styrene Butadiene Styrene Block Copolymer

Mitsubishi Chemical Performance Polymers, Inc.

Message:

The téfabloc® engineering plastics make use of the elastomeric properties of styrenic bloc co-polymer (SBS) and of hydrogenated styrenic bloc co-polymers (SEBS). The specific structure of téfabloc® combines the physical properties of a vulcanised rubber with the advantages of a thermoplastic. Their specific compositions give these TPEs a very good resistance to oxidation, detergents, acids and ozone and a very good weatherability.
téfabloc® performs surprisingly well at low temperatures by keeping its mechanical and flexibility properties, where many other plastics become hard and brittle.
The product range of téfabloc® is one of the widest found, with very low hardness starting from 5 Shore A, the flexible grades from 40 to 80 Shore A and the semi-rigids up to 60 Shore D. We offer colour-matched compounds as well natural grades that can be easily coloured with masterbatch.

General Information		
Features	Acid Resistant	
	Base Resistant	
	Detergent Resistant	
	Good Chemical Resistance	
	Good Color Stability	
	Good Thermal Stability	
	Good Weather Resistance	
	Oxidation Resistant	
	Ozone Resistant	
Appearance	Opaque	
Processing Method	Extrusion	

Hardness	Nominal Value	Test Method
Shore Hardness		ISO 868
Shore A	60	
Shore D	51	

Thermal	Nominal Value	Unit
Service Temperature	-60 to 70	°C

Recommended distributors for this material

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