tefabloc® TO 623

Thermoplastic Elastomer

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 Strength
	Good Thermal Stability
	Good Weather Resistance
	Low Compression Set
	Oxidation Resistant
	Ozone Resistant
Processing Method	Injection Molding

Hardness	Nominal Value	Test Method
	30	
Shore Hardness (Shore A)	85	ISO 868

Thermal	Nominal Value	Unit
Service Temperature	-40 to 100	°C

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China


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