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FARRPRENE EF600AU

Styrenic Block Copolymer Thermoplastic Elastomer

Product Description

FARRPRENE EF600AU is a SEBS-based UV-stabilized TPE-S material featuring exceptional elongation properties and robust tensile strength. The material is formulated to offer a balance of durability and soft-touch characteristics for demanding elastomeric applications.

Recommended Applications

General purpose extrusion of technical profiles, sealing strips, and flexible tubing. It is also suitable for automotive weatherstripping, architectural gaskets, and industrial components requiring high elasticity.

Key Features

Heat Stabilized
Suitable for Extrusion Applicaitons
UV Stabilized
Natural Colored Granules

Typical Properties	*Method*	*Unit*	*Value*
Hardness - after 5 seconds	ISO 868	Shore A	60
Specific Gravity	ISO 1183		1.22
Tensile Strength - Across Flow	ISO 37	MPa	7.0
Elongation at Break - Across Flow - Measured with Extensiometer - Gauge Length	ISO 37	%	>800
Compression Set at 70°C - 24 hrs - 25% Compression	ISO 815	%	39
Compression Set at 24°C - 72 hrs - 25% Compression	ISO 815	%	65
Melt Flow Rate at 230°C - 5 Kg	ISO 1133	g/10min	11
Melt Flow Rate at 190°C - 5 Kg	ISO 1133	g/10min	4

Processing and Storage

This product is packaged in 25 kg bags and should be stored in a dry and cool place. Pre-drying is generally unnecessary under proper storage conditions; however, if surface imperfections such as bubbles, voids, or streaking occur, condition the material at 70°C for 2 hours before processing.