



Address
RA08YA07, JAFZA, Dubai,
UAE.
PO Box
33387
Phone
+971 4 55 40 173
Website
farr.ae

FARRPRENE EF700

Styrenic Block Copolymer Thermoplastic Elastomer

Product Description

EF700 is a premium white-colored thermoplastic elastomer styrenic (TPES) compound representing an advanced filled formulation specifically engineered for extrusion applications demanding superior outdoor durability and UV resistance. The compound features a carefully balanced SEBS (Styrene-Ethylene-Butylene-Styrene) block copolymer matrix enhanced with proprietary mineral fillers and state-of-the-art UV stabilizer packages, delivering exceptional processability on standard thermoplastic equipment while maintaining elastomeric performance characteristics essential for demanding applications.

Recommended Applications

- Architectural Seals & Weatherstripping
- Automotive Exterior Components
- Wire & Cable Jacketing
- Construction Profiles
- Industrial Tubing & Hoses
- Consumer Products

Key Features

- Processing Excellence
- Superior Outdoor Durability
- Mechanical Performance
- Chemical & Environmental Resistance
- Bondable Surface, Colorability, Recyclable

Typical Properties	Method	Unit	Value
Hardness	ISO 868	Shore A	70
Specific Gravity	ISO 1183		0.95
Tensile Strength	ISO 37	MPa	2
Elongation at Break	ISO 37	%	200%
Compression Strength	ISO 604	MPa	3.5
Flexural Modulus	ISO 178	MPa	44
Izod Impact Strength	ISO 180	KJ/Sq.m	16
Melt Flow Index at 230°C - 2.16 Kg	ISO 1133	g/10min	0.01
Melt Flow Index at 230°C - 5 Kg	ISO 1133	g/10min	0.35
Melt Flow Index at 190°C - 5 Kg	ISO 1133	g/10min	0.1
Melt Flow Index at 190°C - 10 Kg	ISO 1133	g/10min	2.2
Bulk Density	ISO 1183	g	0.64



Address
RA08YA07, JAFZA, Dubai,
UAE.
PO Box
33387
Phone
+971 4 55 40 173
Website
farr.ae

**This documentation is based on our latest understanding as of its publication date and may be revised if new information emerges. The values provided are average rounded figures taken from a limited number of test samples; they are not intended to serve as formal product specifications. It is the sole responsibility of the customer and end user to conduct testing that determines the suitability of this material for a specific process or end-use, any interactions with other materials, and relevant safety considerations.*

As the compound manufacturer, we generally remain unaware of all end-use applications, how they interact with other components, or any related safety issues unless this is discussed with us beforehand. Therefore, we do not authorize the use of this compound in safety-critical applications without our explicit prior written approval.

Packaging and Storage:

EF700 is supplied in standard 25 kg bags. To preserve its properties, store it in a clean, dry environment at ambient temperatures. Keep away from excessive heat, humidity, and direct sunlight. Proper storage maintains optimal product performance.