



FARRPRENE EF650

Styrenic Block Copolymer Thermoplastic Elastomer

Product Description

EF650 is a thermoplastic elastomer designed for general extrusion applications. This grade offers moderate softness with reliable dimensional stability, providing a practical combination of flexibility and structural integrity. The material exhibits favorable processability with appropriate melt flow characteristics for standard extrusion operations.

Recommended Applications

- Weather stripping and door/window seals
- Automotive trim and gasket profiles
- Flexible tubing and hose applications
- Co-extrusion with rigid thermoplastics
- Architectural sealing profiles
- Wire and cable jacketing
- Soft-touch grips and handles

Key Features

- Efficient extrusion processability
- Balanced mechanical properties
- Moderate compression set resistance
- Adequate impact resistance
- Recyclable material
- Compatible with standard thermoplastic processing equipment

Typical Properties	Method	Unit	Value
Hardness	ISO 48	Shore A	65
Specific Gravity	ISO 1183		1.06
Tensile Strength	ISO 37	MPa	6.5
Elongation at Break	ISO 37	%	200%
Melt Flow Index at 230°C - 2.16 Kg	ISO 1133	g/10min	0.6
Melt Flow Index at 190°C - 10 Kg	ISO 1133	g/10min	43

**This documentation reflects our current understanding as of the publication date. We may update it periodically should new data or insights become available. The values presented here are typical, derived from limited test samples, and are not intended to serve as a formal product specification. It is the responsibility of the customer and end user to determine, through their own testing, whether the material is suitable for a particular process or end-use, how it may interact with other components, and any related safety implications. Since, as the compound manufacturer, we are generally not informed about the product's eventual applications, possible interactions with other components, or any resulting safety concerns unless notified in advance, we do not permit the use of this compound in safety-critical applications without our explicit prior written approval.*

Packaging and Storage:

EF650 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.