

FARRPRENE EF85A

Styrenic Block Copolymer Thermoplastic Elastomer

Product Description

A filled TPE for extrusion that features a firmer composition, suited to projects demanding increased rigidity alongside the elastic benefits of a TPE. It is particularly effective for applications that call for higher dimensional accuracy in long or complex extrusions.

Recommended Applications

Extrusion applications
Rigid profiles and trim pieces for automotive or industrial settings
Tubing and conduits where reduced compression or deformation is desired
Appliance gaskets and seals that need a sturdier, yet still flexible, solution

Key Features

White color
Firmer Composition: Strikes a balance between rigidity and flexibility
Reliable Extrusion Flow: Processes smoothly for continuous, stable profiles
Improved Shape Retention: Filler system enhances structural robustness

Typical Properties	Method	Unit	Value
Hardness	ISO 48	Shore A	85
Specific Gravity	ISO 1183		0.77
Tensile Strength	ISO 37	MPa	12
Elongation at Break	ISO 37	%	>800%
Melt Flow Index at 230°C - 2.16 Kg	ISO 1133	gm/10min	4.5

**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:

EF85A 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.