

FARRPRENE IF65A

Styrenic Block Copolymer Thermoplastic Elastomer

Product Description

A filled TPE intended for injection molding, delivering medium softness with boosted toughness from fillers. It is well-suited for applications requiring a pliable feel yet improved mechanical performance to handle moderate stress.

Recommended Applications

Injection molding applications

Handle grips or tool covers where both comfort and impact resistance are important

Seals, gaskets, and shock-absorbing parts in consumer products

Overmolded sections that need controlled flexibility and a certain level of rigidity

Key Features

White color

Comfortable Medium Softness: Offers user-friendly tactile properties

Filler-Enhanced Toughness: Resists tearing and deformation under moderate loads

Easy Injection Molding: Suitable for standard molding equipment and conditions

Typical Properties	Method	Unit	Value
Hardness	ISO 48	Shore A	65
Specific Gravity	ISO 1183		0.74
Tensile Strength	ISO 37	MPa	6
Elongation at Break	ISO 37	%	>800%
Melt Flow Index at 230°C - 2.16 Kg	ISO 1133	gm/10min	16

**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:

IF65A 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.