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FARRPRENE IU65A

Styrenic Block Copolymer Thermoplastic Elastomer

Product Description

An unfilled TPE suitable for injection molding, providing a medium-soft balance without the reinforcement of fillers. Designed for general-purpose applications where straightforward flexibility is needed without overly high stiffness.

Recommended Applications

Injection molding applications
Soft handles, grips, or knobs emphasizing comfort
Overmolded parts where a supple surface is desired
Seals and gaskets that do not require filler-induced reinforcement

Key Features

Natural color
Unfilled Formulation: Simplifies the material, enhancing consistency and colorability
Balanced Flexibility: Offers a comfortable feel for end-users
Straightforward Processing: Molds smoothly in typical injection setups

Typical Properties	*Method*	*Unit*	*Value*
Hardness	ISO 48	Shore A	65
Specific Gravity	ISO 1183		0.63
Tensile Strength	ISO 37	MPa	4.5
Elongation at Break	ISO 37	%	>800%
Melt Flow Index at 230ºC - 2.16 Kg	ISO 1133	gm/10min	17

**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:

IU65A 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.