

# PrimoFlo 45A-300

Styrene Ethylene Butylene Styrene Block Copolymer

KMI Group Inc.

## Message:

PrimoFlo TPEs (SEBS Based Thermoplastic Elastomers) are a family of soft and rubbery products designed for applications requiring soft touch feel, high abrasion and slip resistance. These products have outstanding tear and tensile properties compared to thermoset EPDM.

PrimoFlo products are available in a wide range of hardness and are naturally "white" in color; making these products highly suitable for bright colored parts.

PrimoFlo products can be molded or extruded using standard thermoplastic equipment.

PrimoFlo products are non--hygroscopic (do not absorb moisture); hence there is no need for drying before use; thereby eliminating the need for expensive and energy hungry dryers.

PrimoFlo products are fully recyclable; up to 40% regrind can be added to virgin material with no effect on processing or physical properties.

PrimoFlo products are an ideal choice for single component molded parts as well as over--molding applications. It is fully bondable to polypropylene.

PrimoFlo products are a drop in when SEBS or SBS compounds are used.

In brief

- Excellent abrasion and tear resistance
- Soft touch feel
- Slip resistance
- Fully weatherable
- Does not need to be dried before use
- Easily colorable
- Fully recyclable
- Easily van be molded or extruded using conventional thermoplastic equipments ideal for over molding and two shot molding bondable to Polypropylene

General Information			
Features	Bondability		
	Good Abrasion Resistance		
	Good Colorability		
	Good Tear Strength		
	Good Weather Resistance		
	High Tensile Strength		
	Moisture Resistant		
	Recyclable Material		
	Soft		
Uses	Bonding		
	Overmolding		
Appearance	White		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.890	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method

Durometer Hardness (Shore A, 5 sec)	45		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	6.59	MPa	ASTM D412
Tensile Elongation (Break)	> 500	%	ASTM D412
Injection	Nominal Value	Unit	
Suggested Max Regrind	40	%	

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#### Recommended distributors for this material

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