

ENPRENE 685

Styrene Butadiene Styrene Block Copolymer
En Chuan Chemical Industries Co., Ltd.

Message:

ENPRENE 685 is a Styrene Butadiene Styrene Block Copolymer (SBS) product. It is available in Asia Pacific. Primary characteristic: branched polymer structure.

General Information			
Features	Branched Polymer Structure		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.910	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	17	g/10 min	ASTM D1238
Oil Type (Unspecified Oil)	45.0	phr	
Ash Content	0.2	wt%	ASTM D1416
Styrene/Butadiene	Ratio: 33/67		ASTM D1416
Volatile Matter	0.50	wt%	ASTM D1416
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	48		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	1.37	MPa	ASTM D412
Tensile Strength (Yield)	5.88	MPa	ASTM D412
Tensile Elongation (Break)	750	%	ASTM D412
Tear Strength	25.0	kN/m	ASTM D624

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