

ENPRENE 706

Styrene Butadiene Styrene Block Copolymer

En Chuan Chemical Industries Co., Ltd.

Message:

ENPRENE 706 is a Styrene Butadiene Styrene Block Copolymer (SBS) product. It is available in Asia Pacific. Primary characteristic: linear polymer structure.

General Information			
Features	Linear Polymer Structure		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	4.0	g/10 min	ASTM D1238
Oil Type (Unspecified Oil)	0.0	phr	
Ash Content	0.2	wt%	ASTM D1416
Styrene/Butadiene	Ratio: 20/80		ASTM D1416
Volatile Matter	0.40	wt%	ASTM D1416
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	56		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	1.96	MPa	ASTM D412
Tensile Strength (Yield)	12.3	MPa	ASTM D412
Tensile Elongation (Break)	850	%	ASTM D412
Tear Strength	41.2	kN/m	ASTM D624

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