

Dryflex® 660500S

Styrene Ethylene Butylene Styrene Block Copolymer

ELASTO

Message:

The 660S series is recommended when the properties of the produced detail requires the advantages of the 500S series in combination with the 600S series. A semi-filled material can therefore combine the advantages of the other two series. The material has good flow and mechanical properties as well as reasonable scratch resistance. Compounds in the 600S series are available in hardness from shore A to 90 Shore A in natural and black colours but they can easily be coloured in any shade.

General Information			
Features	Bondability		
	Food Contact Acceptable		
	Good Chemical Resistance		
	Good Colorability		
	Good Flow		
	Good Weather Resistance		
	Scratch Resistant		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage	0.80 to 2.0	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	6.00	MPa	
100% Strain	1.00	MPa	
300% Strain	2.00	MPa	
Tensile Elongation (Break)	> 600	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	25.0	kN/m	ASTM D624
Compression Set (23°C, 72 hr)	15	%	ASTM D395
Thermal	Nominal Value	Unit	
Service Temperature	-50 to 125	°C	
Overmold Bonding - to PP	Excellent		
Injection	Nominal Value	Unit	
Processing (Melt) Temp	180 to 210	°C	

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Recommended distributors for this material

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