

# Dryflex® 420451S

Styrene Butadiene Styrene Block Copolymer

ELASTO

## Message:

The 400S series is a good alternative for indoor applications and disposable articles that do not have high requirements for ageing and heat resistance. The raw materials are specially selected for a fast and stable manufacturing process. The 400S series covers grades from 50 Shore A to 50 Shore D in natural and black colours but they can easily be coloured in any shade.

General Information			
Features	Bondability		
	Good Chemical Resistance		
	Good Weather Resistance		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage	0.80 to 2.0	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	45		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	12.0	MPa	
100% Strain	11.0	MPa	
300% Strain	11.0	MPa	
Tensile Elongation (Break)	> 400	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	89.0	kN/m	ASTM D624
Thermal	Nominal Value	Unit	
Service Temperature	-40 to 75	°C	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	170 to 210	°C	

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