

StarFlex P 7180-1000

Thermoplastic Elastomer

STAR Thermoplastic Alloys & Rubbers, Inc.

Message:

StarFlex P 7180-1000 is an easy processing TPE designed for injection molding.

Features

- Soft Touch
- Rubbery Feel
- Excellent Colorability
- Good Weatherability

General Information			
Features	Good Colorability		
	Good Processability		
	Good Weather Resistance		
	Soft		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.988	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	80		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain, 23°C)	3.00	MPa	ASTM D412
Tensile Strength (Yield, 23°C)	9.89	MPa	ASTM D412
Tensile Elongation (Break, 23°C)	720	%	ASTM D412
Tear Strength	32.9	kN/m	ASTM D624
Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (210°C, 11000 sec ⁻¹)	9.60	Pa·s	ASTM D3835

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