

StarFlex P 7059-9000

Thermoplastic Elastomer

STAR Thermoplastic Alloys & Rubbers, Inc.

Message:

StarFlex P 7059-9000 is an easy processing TPE designed for injection molding.

Features

- Soft Touch
- Rubbery Feel
- Excellent Colorability
- High Flow For Long, Thin-Wall Parts
- Adhesion To Polypropylene
- Good Ozone And UV Resistance

General Information			
Features	Good Adhesion		
	Good Colorability		
	Good Processability		
	Good UV Resistance		
	High Flow		
	Ozone Resistant		
	Soft		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.908	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	59		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain, 23°C)	2.62	MPa	ASTM D412
Tensile Strength (Yield, 23°C)	9.72	MPa	ASTM D412
Tensile Elongation (Break, 23°C)	690	%	ASTM D412
Tear Strength	25.0	kN/m	ASTM D624
Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (210°C, 11000 sec ⁻¹)	10.2	Pa · s	ASTM D3835

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