

StarTUFF TF 40-LR-9

Thermoplastic Elastomer

STAR Thermoplastic Alloys & Rubbers, Inc.

Message:

StarTUFF TF 40-LR-9 is an easy processing TPE designed for injection molding.

Features

- Soft Touch
- Rubbery Feel
- High Tear strength
- High Tensile strength

General Information			
Features	Good Processability Good Tear Strength High Tensile Strength Soft		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.938	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	40		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain, 23°C)	1.21	MPa	ASTM D412
Tensile Strength (Yield, 23°C)	6.69	MPa	ASTM D412
Tensile Elongation (Break, 23°C)	700	%	ASTM D412
Tear Strength	22.4	kN/m	ASTM D624
Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (210°C, 11000 sec ⁻¹)	8.50	Pa·s	ASTM D3835

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