

STARFLEX® P 7374

Thermoplastic Elastomer

STAR Thermoplastic Alloys & Rubbers, Inc.

Message:

STARFLEX® P 7374 Elastomer is an easy processing 74 Shore A hardness material designed for a wide variety of applications. STARFLEX® P 7374 Elastomer is supplied in pelletized form ready for thermoplastic processing.

STARFLEX® P 7374 Elastomer is a versatile product for use in injection molding, extrusion, blow molding and other thermoplastic fabricating techniques. Since STARFLEX® P 7374 Elastomer conducts heat well compared to polyolefins, molded parts cool quickly and relatively short cycle times are obtained. Scrap is 100 percent recyclable. The finished parts have sharp and well defined details.

General Information	
Features	Fast Molding Cycle
	Good Processability
	Good Weather Resistance
	Recyclable Material
Uses	Rollers
Appearance	Natural Color
Forms	Pellets
Processing Method	Blow Molding
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	74		ASTM D2240
Injection	Nominal Value	Unit	
Rear Temperature	193 to 204	°C	
Front Temperature	204 to 216	°C	
Nozzle Temperature	216 to 232	°C	
Mold Temperature	26.7 to 65.6	°C	
Injection Pressure	3.45 to 4.83	MPa	
Injection Rate	Moderate-Fast		
Back Pressure	0.689 to 1.38	MPa	

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Recommended distributors for this material

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