

Nanguang TPU S-90AX

Thermoplastic Polyurethane Elastomer
Fujian Nanguang Light Industry Co., Ltd.

Message:
Nanguang TPU S-90AX is a Thermoplastic Polyurethane Elastomer product. It can be processed by injection molding and is available in Asia Pacific.

General Information			
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18 to 1.22	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	88 to 92		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Abrasion Loss	35.0	mg	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	7.85	MPa	
300% Strain	29.4	MPa	
Tensile Strength	39.2	MPa	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
Tear Strength (Split)	78	kN/m	ASTM D470
Injection	Nominal Value	Unit	
Drying Temperature	95.0	°C	
Drying Time	3.0 to 5.0	hr	
Processing (Melt) Temp	185 to 205	°C	

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