

Unipren® Elastomers A3 NTLA010 15A G06S1 UP355

Thermoplastic Elastomer
Petropol Industry and Trade of Polymers LTDA

Message:
It's a thermoplastic elastomer designed especially for products with good transparency, optimizing the elastomeric properties of the compound. Can be processed by extrusion, injection and blow, producing parts with high flexibility, elasticity and softnes

General Information			
Features	Good Flexibility		
	High Clarity		
	High Elasticity		
	Soft		
Processing Method	Blow Molding		
	Extrusion		
	Injection Molding		
Resin ID (ISO 1043)	>TPE<		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	12 to 18		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	4.10	MPa	ASTM D412
Tensile Elongation ² (Break)	> 750	%	ASTM D412
Tear Strength ³	17.0	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	180 to 200	°C	
Mold Temperature	25.0 to 50.0	°C	
NOTE			
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Recommended distributors for this material

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