

Unipren® Elastomers A3 CRLA010 45A XP01 UP357

Thermoplastic Elastomer
Petropol Industry and Trade of Polymers LTDA

Message:
Thermoplastic elastomer (TPE), developed especially for products with good transparency, optimizing the elastomeric properties of the compound. It can be processed by extrusion, injection and blow, producing parts with high flexibility, elasticity and soft

General Information			
Features	Good Flexibility		
	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/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	43 to 47		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹			ASTM D412
100% Strain	1.00	MPa	
300% Strain	1.80	MPa	
Tensile Strength ² (Break)	7.00	MPa	ASTM D412
Tensile Elongation ³ (Break)	> 750	%	ASTM D412
Tear Strength ⁴	20.0	kN/m	ASTM D624
NOTE			
1.	Die C		
2.	Die C		
3.	Die C		
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Recommended distributors for this material

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