

## BASF Elastollan® C-60AW Polyester Type Polyurethane Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane, TP , Thermoplastic Polyurethane, Elastomer, Polyester Grade

### Material Notes:

Processed by extrusion or injection molding. Elastollan C series of products are polyester-based thermoplastic polyurethanes that exhibit very good hydrolytic stability. They also exhibit excellent oil, fuel and solvent resistance. These products can be injection and blow molded and extruded. As with all TPU products this grade must be dried prior to processing. Property values below are typical values based on test samples cured 20 hours at 100°C before testing. Information provided by BASF Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Elastollan-C-60AW-Polyester-Type-Polyurethane-Elastomer.php](http://www.lookpolymers.com/polymer_BASF-Elastollan-C-60AW-Polyester-Type-Polyurethane-Elastomer.php)

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in <sup>3</sup>	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	63	63	ASTM D2240
Tensile Strength, Ultimate	23.0 MPa	3340 psi	ASTM D412
Tensile Strength, Yield	2.60 MPa	377 psi	ASTM D-412
	@Strain 100 %	@Strain 100 %	
	4.70 MPa	682 psi	ASTM D-412
	@Strain 300 %	@Strain 300 %	
Elongation at Break	870 %	870 %	ASTM D412
Tear Strength	51.0 kN/m	291 pli	ASTM D624
Tensile Set	75 %	75 %	at break; ASTM D-412

## Contact Songhan Plastic Technology Co.,Ltd.

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