

ISOTHANE® 1060AU

Thermoplastic Polyurethane Elastomer (Polyester)

Great Eastern Resins Industrial Co Ltd (GRECO)

Message:

ISOTHANE 1060AU product is polyester poly(adipate)ester based thermoplastic polyurethanes. It exhibits excellent toughness, abrasive resistance, and solvent resistance. The product can be injection molded and extruded.

Suggested Applications:

Seals, Gaskets, Sheets, Film, Tube, Cable, Shoe Sole, Sporting Equipments and Mechanical Goods.

General Information			
Features	Good Abrasion Resistance		
	Solvent Resistant		
	Ultra High Toughness		
Uses	Cable Jacketing		
	Film		
	Footwear		
	Gaskets		
	Machine/Mechanical Parts		
	Seals		
	Sheet		
	Sporting Goods		
	Tubing		
Processing Method	Extrusion		
	Injection Molding		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	61		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	896	MPa	ASTM D412
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
50% Strain	1.00	MPa	
100% Strain	2.00	MPa	
300% Strain	3.00	MPa	
Tensile Strength (Yield)	30.0	MPa	ASTM D412
Tensile Elongation (Break)	840	%	ASTM D412
Tear Strength ¹	49.0	kN/m	ASTM D624
NOTE			
1.	Die C		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

