

ISOTHANE® 1080AU-K

Thermoplastic Polyurethane Elastomer (Polyester)

Great Eastern Resins Industrial Co Ltd (GRECO)

Message:

ISOTHANE 1080AU-K products is poly(adipate)ester based thermoplastic polyurethanes with good balanced qualities. It exhibits good toughness, abrasive resistance, solvent resistance, UV stabilized, and transparency. The product can be injection molded, blow molded, and extruded.

General Information			
Features	Good Abrasion Resistance		
	Good Toughness		
	Good UV Resistance		
	Solvent Resistant		
Appearance	Clear/Transparent		
Processing Method	Blow Molding		
	Extrusion		
	Injection Molding		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	80		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	5.50	MPa	
300% Strain	10.6	MPa	
Tensile Strength (Yield)	39.0	MPa	ASTM D412
Tensile Elongation (Break)	580	%	ASTM D412
Tear Strength ¹	103	kN/m	ASTM D624
NOTE			
1.	Die C		

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