

UBE Polyamide Elastomer XPA 9055F1

Thermoplastic Polyamide Elastomer

UBE Industries, Ltd.

Message:

Injection, Extrusion

General Information			
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Part Marking Code	>TPA-ET<		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Molding Shrinkage			Internal Method
Across Flow	1.1	%	
Flow	0.70	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	2.1	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	300	MPa	ISO 527-2
Tensile Stress (Yield)	17.0	MPa	ISO 527-2
Tensile Strain (Break)	> 400	%	ISO 527-2
Flexural Modulus	260	MPa	ISO 178
Flexural Stress	14.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	95	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B
CLTE - Flow	1.4E-4	cm/cm/°C	ISO 11359-2

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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



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