

UBE Polyamide Elastomer XPA 9040F1

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	1.01	g/cm ³	ISO 1183
Molding Shrinkage			Internal Method
Across Flow	0.50	%	
Flow	0.30	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	3.1	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	100	MPa	ISO 527-2
Tensile Stress (Yield)	8.00	MPa	ISO 527-2
Tensile Strain (Break)	> 400	%	ISO 527-2
Flexural Modulus	90.0	MPa	ISO 178
Flexural Stress	6.00	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	46.0	°C	ISO 75-2/B
CLTE - Flow	1.7E-4	cm/cm/°C	ISO 11359-2

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