

UBE Polyamide Elastomer XPA 9068F1

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	1.3	%	
Flow	1.0	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	1.0	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	900	MPa	ISO 527-2
Tensile Stress (Yield)	35.0	MPa	ISO 527-2
Tensile Strain (Break)	> 400	%	ISO 527-2
Flexural Modulus	850	MPa	ISO 178
Flexural Stress	35.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	8.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	114	°C	ISO 75-2/B
CLTE - Flow	1.2E-4	cm/cm/°C	ISO 11359-2

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