

DynaMix™ 625A

Acetal (POM) Copolymer Alloy

Polymer Dynamix

Message:

- High Performance Alloy
- Features:
 - Transparent
 - High Thermal Stability
 - Good Processing
 - Excellent Dimensional Stability
- Applications:
 - Transportation
 - PEI Replacement
 - Industrial
 - Aviation

General Information			
Features	Good Dimensional Stability		
	Good Processability		
Uses	Aircraft Applications		
	Industrial Applications		
Appearance	Clear/Transparent		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (380°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2650	MPa	ASTM D638
Tensile Strength (Break)	93.1	MPa	ASTM D638
Tensile Elongation (Break)	85	%	ASTM D638
Flexural Modulus	2690	MPa	ASTM D790
Flexural Strength	121	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	75	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	198	°C	ASTM D648
Glass Transition Temperature	225	°C	ASTM E1356
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.794 mm)	V-0		UL 94
Oxygen Index	39	%	ASTM D2863

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