

DURACON® UF-01

Polyplastics - Acetal (POM) Copolymer

General Information

Product Description

High Sliding

General

Features	<ul style="list-style-type: none"> Copolymer Good Flexibility 	<ul style="list-style-type: none"> High Impact Resistance Low Friction
Forms	<ul style="list-style-type: none"> Pellets 	
Processing Method	<ul style="list-style-type: none"> Injection Molding 	
Part Marking Code (ISO 11469)	<ul style="list-style-type: none"> >POM-I< 	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ISO 1133
Molding Shrinkage ²			ISO 294-4
Across Flow : 0.0787 in	2.1	%	
Flow : 0.0787 in	2.1	%	
Water Absorption (24 hr, 73°F, 0.0394 in)	0.60	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	6530	psi	ISO 527-2
Nominal Tensile Strain at Break	80	%	ISO 527-2
Flexural Modulus	268000	psi	ISO 178
Flexural Stress	8990	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	6.2	ft·lb/in ²	ISO 179/1eA
Additional Information	Nominal Value	Unit	
Color Number	CF2001/CD3068		

Notes

¹ Typical properties: these are not to be construed as specifications.

² 60x60x2mmt, Cavity Pressure 60 MPa