

Technical Data Sheet

Lucent Pom POM-270

Acetal (POM) Copolymer
 LyondellBasell Industries
 Engineering Plastics

Product Description

Acetal Copolymer, Easy Flow Injection Grade

Colors Available
 Add "U" for UV Stabilized

General

Features	• Copolymer	• Good Flow
Appearance	• Colors Available	
Processing Method	• Injection Molding	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.41	1.41 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	27 g/10 min	27 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	8800 psi	60.7 MPa	ASTM D638
Tensile Elongation (Break)	> 30 %	> 30 %	ASTM D638
Flexural Modulus	350000 psi	2410 MPa	ASTM D790
Flexural Strength	13000 psi	89.6 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact 73°F (23°C), 0.125 In (3.18 Mm)	1.3 ft·lb/in	69 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	270 °F	132 °C	ASTM D648
Peak Melting Temperature	320 to 330 °F	160 to 166 °C	ASTM D789

Notes

These are typical property values not to be construed as specification limits.