

FORMPOLY POMGP270

POM

Formulated Polymers Limited

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	25	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.018	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	60	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	2600	MPa	ASTM D 790
Flexural Strength	90	MPa	ASTM D 790
Izod Impact notched, 1/8 in	78.5	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	155	°C	ASTM D 648
DTUL @ 264 psi	110	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1420	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Additives

Lubricants

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Features

Low Odor, Low Warpage

Regional Availability

Asia Pacific