

ColorRx® POM1-1000RX

POM

Americhem Engineered Compounds

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	15	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.019	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	68.9	MPa	ASTM D 638
Elongation at Yield	17	%	ASTM D 638
Flexural Modulus	2896	MPa	ASTM D 790
Rockwell Hardness	M92	-	ASTM D 785
Izod Impact notched, 1/8 in	214	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	93.3	°C	ASTM D 648
Other properties			
ASTM Data			
Water Absorption, 24hr	0.6	%	ASTM D 570
Density	1420	kg/m ³	ASTM D 792

Characteristics**Features**

Homopolymer

Applications

Medical

Certifications

Medical Grade, Biocompatibility ISO 10993, US Pharmacopeia Class VI Approved

Regional Availability

North America