

ColorRx® ABS-0500RX

ABS

Americhem Engineered Compounds

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	3.8	kg	-
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	47.6	MPa	ASTM D 638
Elongation at Break	26	%	ASTM D 638
Flexural Modulus	2620	MPa	ASTM D 790
Izod Impact notched, 1/8 in	214	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 264 psi	83.9	°C	ASTM D 648
Other properties			
Density	1060	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Features

High Gloss

Certifications

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

Applications

Medical

Regional Availability

North America