

ColorRx® TABS-1000RX

ABS

Americhem Engineered Compounds

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	22	g/10min	ASTM D 1238
Temperature	220	°C	-
Load	10	kg	-
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	51	MPa	ASTM D 638
Elongation at Break	30	%	ASTM D 638
Flexural Modulus	2353	MPa	ASTM D 790
Rockwell Hardness	R112	-	ASTM D 785
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3.18	mm	-
DTUL @ 264 psi	82.8	°C	ASTM D 648
Other properties			
Density	1080	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Transparent

Features

Low Odor

Certifications

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

Applications

Medical

Regional Availability

North America