



The Arnitel® Care MED series (grades CPR2520, CPR4020, CPR4620, CPR5520, CPR6320, and CPR7420) utilizes biocompatible Thermoplastic Polyester Elastomer (TPC) formulated with a 20% barium sulfate loading to deliver radiopacity. Designed for medical applications, this COPE RO™ product line features superior filler dispersion, making these grades ideal for thin-wall extrusions.

Form: Pellets

Appearance: White

Processing Methods: Extrusion

Drying: COPE RO™ should be dried at 160°F until moisture level is less than 0.08%

Property	Units	CPR4020	CPR4620	CPR5520	CPR6320	CPR7420
Flexural Modulus	MPa	100	125	260	385	1110
Flexural Strength at 5%	MPa	3.3	5.9	12	17	44
Melt Flow Rate (230 degrees C, 2.16kg)	g/10min	38	53	13	10	18
Durometer (instantaneous)	Shore D	42	50	61	68	77
Density	g/cm3	1.30	1.34	1.38	1.41	1.41
Tensile Strength at Yield	MPa	-	-	-	22	41
Tensile Strength at Break	MPa	>12	>15	>24	31	41
Tensile Elongation at Yield	%	-	-	-	19	13
Tensile Elongation at Break	%	>520	>520	>520	510	30