

Description

PURO uses biocompatible TPU with a 20% barium sulfate loading for radiopacity. COPE RO provides superior filler dispersion making this product ideal for thin wall extrusions.

Form Pellets

Appearance White

Markets Medical, Healthcare

Processing Method Extrusion, Injection Molding

Radiopaque Compounds

Typical Material Properties

PURO™ Product Line								
Property	PURO80A20	PURO80AE20	PURO90A20	PURO90AE20	PURO55D20	PURO55DE20	PURO65D20	PURO75D20
Durometer - Shore (ASTM D2240)	90A	90A	95A	93A	60D	60D	70D	82D
Density - g/cc (ASTM D6226)	1.30	1.33	1.30	1.33	1.35	1.37	1.39	1.39
Ultimate Tensile Strength - MPa (ASTM D638)	> 13.5	> 15.0	33.0	25.0	> 36.0	31.0	44.0	56.0
Ultimate Elongation - % (ASTM D638)	> 520	> 520	490	480	> 520	470	470	20
Flexural Modulus - MPa (ASTM D790)	34.0	39.0	72.0	67.0	185	165	400	2150
Flexural Strength at 5% - MPa (ASTM D790)	1.8	1.9	3.6	2.8	7.2	6.2	14.0	78.0