



Korlux™ Compounds

Korlux™ is a decorative, stone-filled, thermoplastic compounding system designed to produce granite or Corian® appearance parts. Korlux™ compounds produce beautiful, durable, cleanable, and economical parts with luxurious aesthetics. These compounds can be made in a variety of resins offering other features like waterproof, impact resistant, chemical resistant, and anti-microbial. Korlux™ compounds can be processed under typical injection mold, profile and sheet extrusion methods.



Properties	Korlux Ext. Grade English	Korlux I.M. Grade English	Test Method
Physical			
Specific Gravity, g/cc	0.99	0.99	ASTM D 792
Mechanical			
Tensile Modulus, ksi	109	149	ASTM D 638
Ultimate Tensile Strength, psi	3800	3500	ASTM D 638
Elongation @ Break, %	35	16	ASTM D 638
Flexural Modulus, ksi	205	200	ASTM D 790
Flexural Strength, psi	5100	4700	ASTM D 790
Notched, Izod Impact, ft-lb/in @ 23°C	3.5	1.5	ASTM D 256
Thermal			
Deflection Temperature Under Load, °F			ASTM D 648
Unannealed @ 66 psi (1.8 Mpa)	-	-	
Unannealed @ 264 psi (1.8 Mpa)	108	105	
Rheological			
Melt Flow Rate (MFR), g/10 min 230°C/2.16 kg	3	18	ASTM D 1238

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