

Product Texts

CoolPoly D series of thermally conductive plastics transfers heat, a characteristic previously unavailable in injection molding grade polymers. CoolPoly is lightweight, netshape moldable and allows design freedom in applications previously restricted to metals. The D series is electrically non-conductive and can be used for its dielectric properties.

Flammability at thickness h (1.36 HB mm)

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Tensile Modulus	7.14	MPa	ISO 527
^[C] Stress at 50% strain	1.7	MPa	ISO 527
^[C] Strain at break	>50	%	ISO 527
^[C] Shore A hardness	56	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Burning Behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	1.4	mm	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Density	1200	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics**Processing**

Injection Molding

Applications

Electrical and Electronical

Special Characteristics

Thermally Conductive