



Desmopan® CQ9385A RC050
TPU

Covestro Deutschland AG

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Shore Hardness A (15s)	87	-	ISO 868
Tensile Strength	39	MPa	ISO 37
Strain at Break	593	%	ISO 37
Tensile Stress (10% Elongation)	2.1	MPa	DIN 53504
Stress at 100% Elongation	7.5	MPa	DIN 53504
Stress at 300% Elongation	12.7	MPa	DIN 53504

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1120	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	190 - 230	°C	-
Mold temperature	20 - 40	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	195 - 230	°C	-

Characteristics

Processing	Chemical Resistance
Injection Molding, Other Extrusion, Wire/Cable Extrusion	Hydrolysis
Features	Applications
Fungus Resistance	Electrical and Electronical