



Desmopan® CQ385E RC50
TPU

Covestro Deutschland AG

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Shore Hardness A (15s)	88	-	ISO 868
Tensile Strength	30	MPa	ISO 37
Strain at Break	580	%	ISO 37
Tensile Stress (10% Elongation)	2.3	MPa	DIN 53504
Stress at 100% Elongation	6.8	MPa	DIN 53504
Stress at 300% Elongation	12.4	MPa	DIN 53504

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1200	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Melt temperature	200 - 230	°C	-
Mold temperature	20 - 40	°C	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Melt temperature	200 - 220	°C	-

Characteristics

Processing

Injection Molding, Film Extrusion, Other Extrusion