



Desmopan CQ192 MBC091
TPU

Covestro Deutschland AG

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Compression Set under constant strain, 70 °C	40	%	ISO 815
Tear strength	85	kN/m	ISO 34-1
Abrasion resistance	32	mm ³	ISO 4649
Shore Hardness A (15s)	92	-	ISO 868
Shore Hardness D (15s)	42	-	ISO 868
Tensile Stress (10% Elongation)	4	MPa	DIN 53504
Stress at 100% Elongation	9.5	MPa	DIN 53504
Stress at 300% Elongation	17	MPa	DIN 53504
Stress at Break TPE	52	MPa	DIN 53504
Strain at Break TPE	590	%	DIN 53504

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1230	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	≤90	°C	-
Melt temperature	210 - 225	°C	-
Mold temperature	20 - 40	°C	-

Characteristics

Processing

Injection Molding

Chemical Resistance

Hydrolysis