



Desmopan 3868D
(TPU-ARES+ABS)

Covestro Deutschland AG

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Flexural Modulus (23°C)	685	MPa	ISO 178
Shore Hardness D (15s)	69	-	ISO 868
Tensile Strength	61	MPa	ISO 37
Strain at Break	370	%	ISO 37
Stress at 100% Elongation	34	MPa	DIN 53504
Stress at 300% Elongation	47.6	MPa	DIN 53504

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1200	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Melt temperature	240 - 245	°C	-
Mold temperature	50 - 70	°C	-

Characteristics

Processing	Applications
Injection Molding	Sports Equipment
Special Characteristics	
Impact modified	