

Desmopan DP 3360A

300 grade series, ester / Shore hardness A 55 - 64

Extrusion- and injection molding grade; free from plasticizers; Application; Films; hard - soft systems

ISO Shortname

Property	Test Condition	Unit	Standard	Value		
				drying	annealed	-
according to specifications						
Mechanical properties (23 °C/50 % r. h.)						
C shore hardness, method A		-	ISO 868		61	
Ultimate tensile strength	200 mm/min	MPa	DIN 53504		31	
Strain at break	200 mm/min	%	DIN 53504		938	
Stress at 10 % strain	200 mm/min	MPa	DIN 53504		0,5	
Stress at 50 % strain	200 mm/min	MPa	DIN 53504		1,6	
Stress at 100 % strain	200 mm/min	MPa	DIN 53504		2,1	
Stress at 300 % strain	200 mm/min	MPa	DIN 53504		3,7	
C Compression set	24 h; 70 °C	%	ISO 815		56	
C Compression set	72 h; 23 °C	%	ISO 815		25	
C Abrasion resistance		mm³	ISO 4649		76	
Impact resilience		%	ISO 4662		53	
Tear propagation resistance	500 mm/min	kN/m	ISO 34-1		34	
Thermal properties						
Tensile storage modulus	-20 °C	MPa	ISO 6721-1,-4		34	
Tensile storage modulus	20 °C	MPa	ISO 6721-1,-4		9	
Tensile storage modulus	60 °C	MPa	ISO 6721-1,-4		6	
Other properties (23 °C)						
C Density		kg/m³	ISO 1183-1			1150
Molding conditions						
Injection molding-Melt temperature		°C	-	180 - 210		
Injection molding-Mold temperature		°C	-			20
Extrusion-Melt temperature		°C	-	180 - 210		
Maximum drying temperature		°C	-			80

C These property characteristics are taken from the CAMPUS plastics data bank and are based on the international catalogue of basic data for plastics according to ISO 10350.

Impact properties: N = non-break, P = partial break, C = complete break

