

ALTUGLAS DRM

	CONDITIONS	TEST METHOD	UNITS	ALTUGLAS DRM
1 - GENERAL PROPERTIES				
Density		ISO 1183	g/cm ³	1.15
Water absorption	23°C/50%HR	ISO 62	%	0.36
Mold shrinkage		ASTM D-955	%	0.2 - 0.8
Melt Flow Index	230°C/3.8 kg	ISO 1133	g/10mm	0,5
2 - MECHANICAL PROPERTIES				
Tensile Strength		ISO 527-2	MPa	42
Tensile Elongation at Break		ISO 527-2	%	40
Flexural Strength		ISO 178	MPa	64
Flexural Modulus		ISO 178	MPa	1800
Rockwell Hardness		ASTM D-785		M-50
Impact Resistance (Charpy, Unnotched)		ISO 179-2D	KJ/m ²	55
Impact Resistance (Charpy, Notched)		ISO 179-2C	KJ/m ²	6
Impact Resistance (Izod, Notched)		ISO 180/1A	KJ/m ²	4.5
3 - THERMAL PROPERTIES				
Vicat Softening Temperature	50 N	ISO 306	°C	95
Coefficient of linear expansion		ASTM D-696	10 ⁻⁶ K	90
HDT UFL	1.82 MPa	ISO 75-2	°C	84
4 - OPTICAL PROPERTIES				
Refractive Index B		ISO R-489		1.49
Light Transmittance		ASTM D-1003	%	90
Haze		ASTM D-1003	%	-
5 - FLAMMABILITY				
Fire Resistance		ASTM UL/94		HB
6 - PROCESSING RECOMMENDATIONS				
Melt Temperature			°C	235-255
Drying Conditions	time		h	2 - 4
	temperature		°C	80-85
N.B. : The values quoted are the average of results obtained under laboratory and are given only as an indication to enable customers to make best use of our products. Values reported are typical and should not be used for specification purposes.				

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