

HMWPE-PLAYDUR

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Location: Moldova
MOLDOVA EUROPEANĂ

durplastics
Technical Plastics Manufacturing



TECHNICAL DATA

PROPIERTIES	TEST MEHOD	UNIT	VALUE
GENERAL			
Density	DIN EN ISO 1183-1	gkms	97
UV			Good
Water Absorption	DIN EN ISO 62		<0,05
MECHANICAL			
Yield stress / Tensile Strength	DIN EN ISO 527-1	N/mm ²	32
Tensile modulus of elasticity	DIN EN ISO 527-1	N/mm ²	1200
Elongation at break	DIN EN ISO 527-1	%	>50
Notched impact strength	DIN EN ISO 179-2	m.l/mm ²	6
Shore hardness	DIN EN ISO 868-15 sek		65
THERMAL			
Melting temperature	ISO 11357-3	°C	135
Specific thermal capacity	DIN EN ISO 52612	J / (kg · K)	1,9
Thermal conductivity	DIN EN ISO 52612-1	W (mK)	0,40
Coefficient of linear thermal expansion	DIN EN ISO 53752	1/K* 10 ⁻⁶	150...230
Heat deflection temperature	DIN EN ISO 306 VICAT A	°C	-
	DIN EN ISO 306 VICAT B	°C	67
ELECTRICAL			
Dielectric constant	IEC 60250		2,4
Surface resistivity	IEC 60093	Ω	10 ¹⁴
Dielectric strength	IEC 60243	KV/mm	45

This information solely describes the safety requirements of the products and is based on our current state of knowledge. This does not imply the information is exhaustive in all cases. It is your responsibility to determine the validity of this information for application in each case. It does not give any assurance concerning the products described within the meaning of statutory warranty regulations.