

PVDF

4000 HD

PROPRIETES GENERALES / GENERAL PROPERTIES			Valeurs typiques / Typical Values
Nature & Désignation	ISO 12086	-	PVDF-E, GG1N, Q. ?E5.I.B.E.C., ?(4-9,5)
Densité / Density	ISO R 1183 D	-	1.78
Point de fusion / Melting point	ISO 3416 C	°C	170
Fluidité / Melt Flow Index (230°C, 5 Kg)	ISO 1133	g/10mn	8
Viscosité / Melt viscosity (230°C, 100s-1)	ASTM D 3835	Pa.s	1300
Dureté shore / Shore hardness	ISO 868	D	80
Traction à 23°C / Tensile @ 23°C Contrainte au seuil / <i>Strength at Yield</i> Allongement au seuil / <i>Elongation at Yield</i> Allongement à la rupture / <i>Elongation at Break</i>	ISO R 527	MPa % %	51 9 >50
Module de flexion / Flex. Modulus @ 23°C	ISO 178	MPa	2100
Choc IZOD / IZOD impact entaillé 23°C / <i>notched 23°C (73°F)</i>	ISO 180	J/m	140
Température de fléchissement sous charge / <i>Heat distortion temperature under load of</i> sous 1.80 MPa / <i>Under 1.80 Mpa (264 psi)</i>	ISO 75	°C	106
Indice d'Oxygène / <i>Limited Oxygen Index</i>	ASTM D2863	%	80

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