

VESTAMID® compound for fuel filter parts

Application	Method	Unit	Fuel filter parts
VESTAMID®			L1723
Designations	ISO 1874-1		PA12-P, MHLR, 14-004
Density 23 °C	ISO 1183	g/cm ³	1.03
Melting point (2 nd heating)	ISO 11357	°C	173
Temperature of deflection under load Method A, 1.8 MPa Method B, 0.45 MPa	ISO 75	°C °C	45 95
Mold shrinkage in flow direction in transverse direction	ISO 294-4	% %	1.65 1.50
Stress at yield	ISO 527-1/- 2	MPa	30
Strain at yield		%	27
Stress at break		MPa	
Strain at break		%	> 50
Tensile modulus		MPa	480
CHARPY impact strength 23 °C - 30 °C	ISO 179/1eU	kJ/m ² kJ/m ²	N N
CHARPY notched impact strength 23 °C - 30 °C	ISO 179/1eA	kJ/m ² kJ/m ²	24 C 5 C
Volume resistance	SAE J1645	Ohm x cm	

N = no break
C = complete break