



NORYL™ Resin 6390H

Europe-Africa-Middle East: COMMERCIAL

PPO

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield, 50 mm/min	81	MPa	ISO 527
Tensile Stress, break, 50 mm/min	77	MPa	ISO 527
Tensile Strain, yield, 50 mm/min	5	%	ISO 527
Tensile Strain, break, 50 mm/min	7	%	ISO 527
Tensile Modulus, 1 mm/min	2500	MPa	ISO 527
Flexural Stress, yield, 2 mm/min	115	MPa	ISO 178
Flexural Modulus, 2 mm/min	2600	MPa	ISO 178
IMPACT			
Izod Impact, notched 80*10*4 +23°C	5	kJ/m ²	ISO 180/1A
Izod Impact, notched 80*10*4 -30°C	5	kJ/m ²	ISO 180/1A
THERMAL			
Vicat Softening Temp, Rate B/120	191	°C	ISO 306
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	165	°C	ISO 75/Af
PHYSICAL			
Density	1.07	g/cm ³	ISO 1183
Matrix Tg	198	°C	DMA
Melt Volume Rate, MVR at 280°C/10.0 kg	4	cm ³ /10 min	ISO 1133
Melt Volume Rate, MVR at 280°C/21.6 kg	10	cm ³ /10 min	ISO 1133