

U07 - RESINA POLIESTERE

Guide strap / semifinished products

Mechanical, Physical and Thermal Properties

PROPERTIES	CONDITION	STANDARD	UNIT		UNIT	
Colour				blue		blue
Rockwell Hardness (HRM)	23°C	ISO 6508	kgf	96	kgf	96
Izod Impact strength	23°C	ISO 180	kJ/m ²	20,8	kJ/m ²	20,8
Tensile strength (lengthwise)	23°C	ISO 527-2	MPa	≥ 50	psi	≥ 7250
compressive strength	23°C	ISO 604	MPa	245	psi	35500
Flexural strength	23°C	ISO 178	MPa	69	psi	10000
spec. gravity	23°C	ISO 1183	kg/m ³	1250	g/cm ³	1,25
Moisture absorption		ISO 62	%	≤ 0,1	%	≤ 0,1
minimum service temperature			°C	-40	°F	-40
maximum service temperature			°C	130	°F	266

Chemical Properties

Polyester fabric + Polyester resin + PTFE