

## Wanthane® WHT-1190

**TYPE** Polyester-based grade Extrusion and injection molding grade

**FEATURES** Excellent mechanical properties, high abrasion resistance, wear resistance, short cycle times

**Applications** Wire & Cable, high pressure oil tubes, conveyor belt, shoes, seals, screenpacks, etc

Typical Properties*		Test Method	Units	Values
Specific Gravity		ASTM D 792	g/cm <sup>3</sup>	1.19
Shore Hardness		ASTM D 2240	Shore A	90
		ASTM D 2240	Shore D	-
Tensile Strength at 100% Elongation		ASTM D 412	MPa	9
Tensile Strength at 300% Elongation		ASTM D 412	MPa	20
Tensile Strength		ASTM D 412	MPa	42
Ultimate Elongation		ASTM D 412	%	440
Tear Strength		ASTM D 624	N/mm	120
DIN Abrasion		ISO 4649	mm <sup>3</sup>	55
Compression	22 h; 70 °C	ASTM D 395	%	55
	24 h; 23 °C	ASTM D 395	%	20
Set				
Tg by DSC		ASTM D 3418	°C	-38
Vicat Softening Temperature		ASTM D 1525	°C	100

\*All these physical properties are based on injection molded samples , which are conditioned at 23 °C / 50% for 24h.

Above values are typical values and should not be used as specifications.

### Disclaimer

The information provided here is for reference only. The specification will be provided in the quality certificate or in the contract. It is the user ' s responsibility to test the material and its suitability for a process. We have no control over what another party ' s action. Nor will we be responsible for any indirect damages while using our products. The user is welcome to contact our customer and technical service center with question on our products.