

Our laboratories provide following research services:

	Properties	Test method
Physico-chemical	Melt mass flow rate (MFR) ¹⁾	PN-EN ISO 1133
	Melt volume flow rate (MVR) ¹⁾	PN-EN ISO 1133
	Amount and identification of content	PN-EN ISO 3451
	Moisture	-
	Molding shrinkage	PN-EN ISO 2944
	Density	PN-EN ISO 1183
	Colour (CIE L*a*b*)	-
Mechanical	Yield stress ²⁾	PN-EN ISO 527
	Yield strain ²⁾	PN-EN ISO 527
	Stress at break ²⁾	PN-EN ISO 527
	Strain at break ²⁾	PN-EN ISO 527
	Tensile modulus ²⁾	PN-EN ISO 527
	Flexural modulus ²⁾	PN-EN ISO 178
	Flexural strength ²⁾	PN-EN ISO 178
	Izod notched impact strength ³⁾	PN-EN ISO 180
	Charpy impact strength ⁴⁾	PN-EN ISO 179
	Charpy notched impact strength ⁴⁾	PN-EN ISO 179
	Shore hardness (typu A i D)	PN-ISO 868
Termiczne	Vicat softening (VST)	PN-EN ISO 306
	Heat deflection temperature (HDT)	PN-EN ISO 75
	Glow wire test (GWIT) ⁵⁾	PN-EN 60695
	UL94 flammability test: - horizontal burn test - HB, - vertical burn test 20 mm - V-0, V-1, V-2	PN-EN 60695-11-10
	Indication of flammability by oxygen index	PN-ISO 4589-1

- 1) for the scope of temperatures 190-300oC and load 2,16 -21,60 kg
- 2) max. measure range 10 000 N
- 3) max. energy 2J
- 4) max. energy 4J