

Typical Application	Product Characteristics	International Compliance
Automotive pumps, vaporizer components, fuel pipes, power valves	Standard-flow	• PHAS
Gears, drive shafts, Valves/Valve Parts, bearings, camshafts, impellers	Excellent mechanical performance	
Plug, switch, button, pinning, relay, washing machine pulley, cassette tape shaft and wheel housing	Good fatigue resistance and creep resistance	• ROHS
The supporting frame, cover, friction pad of the frame, Plumbing and hardware, cameras and other precision instruments	Good electrical performance	• Rea

Physical Properties

Properties	Test Method		Typical Value	Unit
熔体质量流动速率 Melt Mass Flow Rate	GB/T3682-2000		9±0.5	(g/10min)
密度 Density	GB 1033.1-2008		1.38~1.43	(g/cm³)
熔融温度 Melting Temperature	GB/T19466.3-2004		≥160	℃
屈服应力 Yield Stress	GB/T1040.1-2018	GB/T1040.2-2022	≥60	MPa
断裂标称应变 Nominal Tensile Strain at Break	GB/T1040.1-2018	GB/T1040.2-2022	≥20	%
弯曲强度 Bending Strength	GB/T9341-2008		≥80	MPa
简支梁缺口冲击强度 Charpy Notched Impact Strength	GB/T1043.1-2008		≥6.0	KJ/m²
拉伸弹性模量 Tensile Modulus of Elasticity	GB/T1040.1-2018	GB/T1040.2-2022	≥2500	MPa
1.8 MPa 负荷变形温度 Load deformation temperature of 1.8	GB/T1634.1-2019		≥85	℃
MPa 表面醛 (GM) Surface Aldehyde (GM)	GB/T15516-1995	GB/T1634.2-2019	≤100	(mg/kg)



SWADA PETROCHEMICAL NEW MATERIAL TECHNOLOGY CO., LTD
斯瓦达石化新材料技术有限公司

电话: +85254382461
港新界莲湾工业区工业路128号B座三楼5室