



Material Data Sheet

PLMPA-40 | PA40 (PA46)

General Information

PLMPA-40 (PA40) is Can meet extreme performance requirements, suitable for high-temperature and high-load working conditions. High water absorption rate, not recommended in high-humidity applications.

Physical properties

Colour:			Black
Hardness:	ASTM D785	Shore D	80
Tensile Strength:	ASTM D638	MPa	≥110
Tensile Elongation:	ASTM D638	%	≥30
Tensile Modulus	ASTM D638	MPa	≥3000
Flexural Strength	ASTM D790	MPa	≥150
Izod impact strength, notched, +23°C:	ASTM D256	J/m	≥8
Min.service temperature:	-	°C	-40
Max.service temperature:	-	°C	150

Remark

All test methods and values mentioned above are corresponding to ASTM standards. The properties have been determined on standardized test specimen and can not be directly related to any component or finished item. All tests are made under laboratory conditions.

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