

TECHNICAL DATA SHEET

Nylon (PA6)

Material code: NYLON

Tough, high-heat engineering plastic with low friction. Used for gears, bearings, bushings and wear components.

COMPARATIVE PROPERTIES			KEY FACTS	
Impact resistance		9/10	Max service temp	150 °C
Chemical resistance		7/10	Density	1.14 g/cm³
UV / weather resistance		4/10	Weight class	Medium
Heat resistance		8/10	Cost tier	Mid-Range
Machinability		6/10	Food-safe grade available	Yes
Optical clarity		1/10	Weldable	No
TYPICAL APPLICATIONS				
Gears Bearings Bushings Wear strips				

This is a Technical Data Sheet, not a Safety Data Sheet (SDS). Property ratings are indicative comparative values for material selection only and are not guaranteed engineering figures — confirm critical properties against the manufacturer's data before design. For handling, storage and hazard information, refer to the manufacturer's SDS. Grades, colours and thicknesses vary; contact us to confirm suitability for your application.