

Nylabond® 6091-85A PA12 black

TPE

RTP Company

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Modulus at 100% Elongation	4.8	MPa	ASTM D 412
Shore A Hardness	86	-	ASTM D 2240
Tear Strength	29.1	kN/m	ASTM D 624
Compression Set , 22 hr @ 158 °F	37	%	ASTM D 395
Tensile Strength	8	MPa	ASTM D 412
Elongation at Break	380	%	ASTM D 412

Other properties	Value	Unit	Test Standard
Density	970	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	82	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.08	%	-
Melt temperature	263 - 282	°C	-
Mold temperature	32 - 71	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Delivery form

Black