

**Nylabond® 6091-55A black**

TPE

RTP Company

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Modulus at 100% Elongation	<b>1.7</b>	MPa	ASTM D 412
Shore A Hardness	<b>57</b>	-	ASTM D 2240
Tear Strength	<b>13.3</b>	kN/m	ASTM D 624
Compression Set , 22 hr @ 158 °F	<b>35</b>	%	ASTM D 395
Tensile Strength	<b>3</b>	MPa	ASTM D 412
Elongation at Break	<b>300</b>	%	ASTM D 412

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.1</b>	mm	-

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>940</b>	kg/m <sup>3</sup>	ASTM D 792

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

**Characteristics****Processing**

Injection Molding

**Delivery form**

Black

**Regional Availability**

North America, Europe, Asia Pacific