

**FORMPOLY N12FX20**

PA12

Formulated Polymers Limited

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>20</b>	g/10min	ASTM D 1238

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Yield	<b>28</b>	MPa	ASTM D 638
Flexural Strength	<b>20</b>	MPa	ASTM D 790
Shore D Hardness	<b>58</b>	-	ASTM D 2240
Izod Impact notched, 1/8 in	<b>294</b>	J/m	ASTM D 256

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water Absorption, 24hr	<b>0.1</b>	%	ASTM D 570
Water Absorption, Equilibrium	<b>0.7</b>	%	ASTM D 570
Density	<b>1000</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets

**Special Characteristics**

High impact or impact modified

**Features**

Fatigue Resistance, Low Odor

**Chemical Resistance**

General Chemical Resistance, Environmental Stress Crack Resistance

**Regional Availability**

Asia Pacific