

**Mersamid® PA6 NCY 01**

PA6

APK AG

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>2.1</b>	g/10min	ISO 1133
Temperature	<b>235</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	- / <b>2700</b>	MPa	ISO 527
Tensile Strength	- / <b>72</b>	MPa	ISO 527
Yield strain	- / <b>3.5</b>	%	ISO 527
Charpy notched impact strength, +23°C	- / <b>5</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	- / <b>4</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Other properties</b>			
	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
Density	- / <b>1130</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding, Profile Extrusion, Sheet Extrusion, Other Extrusion

**Delivery form**

Natural Color

**Special Characteristics**

Translucent

**Certifications**

Recycled Resin Content

**Applications**

Automotive, Encapsulation

**Regional Availability**

Europe