

**DAIAMID® X7293 black**

PA12

DaiCEL-Evonik Ltd.

**Processing/Physical Characteristics**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt volume-flow rate, MVR	<b>8</b>	cm <sup>3</sup> /10min	ISO 1133
Temperature	<b>230</b>	°C	-

**Mechanical properties**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>400</b>	MPa	ISO 527
Stress at break	<b>50</b>	MPa	ISO 527
Strain at break	<b>&gt;50</b>	%	ISO 527
Charpy notched impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eA

**Thermal properties**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>172</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>45</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>98</b>	°C	ISO 75-1/-2

**Other properties**

	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Humidity absorption	<b>0.5</b>	%	Sim. to ISO 62
Density	<b>1020</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Delivery form**

Black

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America

**Applications**

Automotive