

**Excelloy WX152**

ABS-W

Techno-UMG Co., Ltd.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>16</b>	g/10min	ISO 1133
Temperature	<b>220</b>	°C	-
Load	<b>10</b>	kg	-
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Strength	<b>43</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>3790</b>	MPa	ISO 178
Flexural strength	<b>74</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>2.1</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Rockwell hardness	<b>R 106</b>	-	ISO 2039-2
<b>ASTM Data</b>			
Tensile Strength	<b>47</b>	MPa	ASTM D 638
Flexural Modulus	<b>4320</b>	MPa	ASTM D 790
Flexural Strength	<b>81</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 107</b>	-	ASTM D 785
<b>Other properties</b>			
Density	<b>1120</b>	kg/m <sup>3</sup>	ISO 1183
Density	<b>1120</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Extrusion</b>			
Pre-drying - Temperature	<b>80 - 90</b>	°C	-
Pre-drying - Time	<b>2 - 5</b>	h	-
Zone 1	<b>200</b>	°C	-

**Characteristics****Processing**

Other Extrusion

**Certifications**

Contains renewable resources

**Delivery form**

Powder

**Regional Availability**

North America, Asia Pacific