

# Rilsamid® MA 4411 BLACK

PA12-I

ARKEMA

## Product Texts

PA12, MHLR, 16-010

**Rilsamid® MA 4411 BLACK resin** is plasticized and designed for tube extrusion.

**Rilsamid® MA 4411 BLACK resin** falls into the PA12-HIPHL category according to DIN 73378 (PA12-HIP, EHL, 22-004).

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melt volume-flow rate, MVR	14 / *	cm <sup>3</sup> /10min	ISO 1133
Temperature	235 / *	°C	-
Load	5 / *	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Tensile Modulus	- / 470	MPa	ISO 527
<sup>[C]</sup> Yield stress	- / 25	MPa	ISO 527
<sup>[C]</sup> Yield strain	- / 23	%	ISO 527
<sup>[C]</sup> Nominal strain at break	- / >50	%	ISO 527
<sup>[C]</sup> Charpy notched impact strength, -30°C	- / 6	kJ/m <sup>2</sup>	ISO 179/1eA
<sup>[C]</sup> Shore D hardness	63 / *	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
<b>ISO Data</b>			
<sup>[C]</sup> Melting temperature, 10°C/min	175 / *	°C	ISO 11357-1/-3

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
<sup>[C]</sup> Density	1030 / -	kg/m <sup>3</sup>	ISO 1183

[C]: CAMPUS

## Characteristics

### Processing

Profile Extrusion, Other Extrusion

### Delivery form

Pellets, Black

### Additives

Plasticizer

### Special Characteristics

High impact or impact modified, Light stabilized or stable to light, U.V. stabilized or stable to weather, Heat stabilized or stable to heat

### Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa