

**Product Texts**

Preliminary Data

The Monprene RG-20100 series is a group of high performance thermoplastic elastomers specifically designed for extruded regulated applications including food contact, toys, and children's products. Monprene RG-20130 is a low density, low hardness grade that complies with various US FDA and European regulations and directives for food contact and toy safety and is suitable for extrusion.

Adheres to PP

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>1</b>	g/10min	ASTM D 1238
Temperature	<b>200</b>	°C	-
Load	<b>5</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Shore A hardness	<b>30</b>	-	ISO 7619-1
<b>ASTM Data</b>			
Tensile Strength at Break	<b>6.21</b>	MPa	ASTM D 412
Elongation at Break	<b>750</b>	%	ASTM D 412

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>890</b>	kg/m <sup>3</sup>	ISO 1183

<b>Processing Recommendation Extrusion</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>65</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Zone 1	<b>149 - 193</b>	°C	-
Zone 2	<b>160 - 204</b>	°C	-
Zone 3	<b>171 - 216</b>	°C	-
Zone 4	<b>182 - 227</b>	°C	-
Nozzle temperature	<b>182 - 227</b>	°C	-

**Characteristics**

**Processing**  
Other Extrusion

**Delivery form**  
Pellets

**Additives**  
Lubricants

**Special Characteristics**  
Translucent

**Certifications**  
Food contact, Food approval FDA 21 CFR

**Applications**  
Packaging

**Regional Availability**  
North America, Europe, South and Central America, Near East/Africa