

**TRIEL® 5240**

 Samyang Corporation - *Thermoplastic Polyester Elastomer*

## General Information

**Product Description**

TRIEL® offers significant chemical resistance, thermal resistance, weatherability and low temperature flexibility.

**General**

Material Status	• Commercial: Active
Availability	• Asia Pacific                      • Europe                      • North America
Uses	• Industrial Applications

 Properties <sup>1</sup>

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.07		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	12	g/10 min	ASTM D1238
Water Absorption (24 hr, 73°F)	0.50	%	ASTM D570
<b>Mechanical</b>			
<b>Nominal Value Unit Test Method</b>			
Tensile Strength (Yield)	882	psi	ASTM D638
Tensile Elongation (Yield)	> 600	%	ASTM D638
<b>Impact</b>			
<b>Nominal Value Unit Test Method</b>			
Notched Izod Impact (73°F)	No Break		ASTM D256
<b>Hardness</b>			
<b>Nominal Value Unit Test Method</b>			
Durometer Hardness (Shore D)	24		ASTM D2240
<b>Thermal</b>			
<b>Nominal Value Unit Test Method</b>			
Deflection Temperature Under Load (66 psi, Unannealed)	113	°F	ASTM D648

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.
