

TORAYPEF™ Heat resistant Grade

Polyolefin Form

TECHNICAL DATA

JIS Properties

Series		PP	PP	PP
Type		20020 AP17	25025 AP17	15025 SR28
Feature		Vaccum Molding (Positive and Negative)	Vaccum Molding (Positive and Negative)	Vaccum Molding Airbag Applications (Positive and Negative)
Thickness	mm	2.0	2.5	2.5
Density	kg/m ³	50	40	67
25%compressive hardness	kPa	99	72	64
Tensile strength	kPa			
	MD	1280	946	1180
	TD	918	715	1038
Elongation	%			
	MD	341	283	321
	TD	289	255	330
Tear strength	N/cm			
	MD	59	46	4.8
	TD	78	59	4.8
Thermal Stability	%			
	MD	-1.6	-1.8	-2.9
	TD	-0.9	-1.2	-1.9
		120°Cx1h	120°Cx1h	120°Cx1h

Remarks for Handling

1. The figures described herein are representative values of natural colors obtained based on the specific test method, and are NOT guaranteed values.
2. For our colored products, the figures described herein will vary depending on the type and amount of pigment, dye, and additive used.
3. The information contained herein is currently information we can reasonably obtain. The information may be revised without notice.
4. The information contained herein, including but not limited to application examples, does NOT represent, warrant or guarantee the quality or safety of your products. When using our products for your or third party's products, in consideration of various relevant laws and regulations, industrial property rights, product standards, self-regulatory standards, etc., please conduct product test etc. and confirm the quality or safety by yourself.
5. When using with medical devices, food packages, safety instruments or toys for infant, and so on, consult us about the concrete application and usage beforehand by all means.
6. Regarding export of our products and exports of products incorporating our products, please comply with relevant laws and regulations such as foreign exchange and foreign trade laws.
7. Under the chemical substance management system of each country, the chemical substance used in our products is regulated, and it may be necessary to apply separately or it may not be possible to import or export. If you are an exporter or importer of our products, please contact us for regulatory compliance in your country.
8. Refer to Safety Data Sheet for this our product before use.
9. We make NO representation, warranty or guarantee whether expressed or implied, in respect of fitness for a particular purpose and safety of our products for your products. You will be responsible for ascertaining the suitability of our products for your purpose and safety.
10. During drying and molding, volatile components which can irritate eyes, nose, and throat may be released. When such heat treatment is performed, appropriate local ventilation measures should be taken.
11. Don't pile stocks too high in order to avoid injury caused by the product falling.
12. Please keep avoiding direct sunlight.