

TORAYPEF™ High Strength Grade

Polyolefin Form

TECHNICAL DATA

JIS Properties

Series		PE	PE	PE	PE
Type		30040 AS60	30040 AY00	30020 BY00	40080 AY00
Feature		Excellent processing heat resistant	Excellent elongation and Flexibility	Excellent elongation and Flexibility	Excellent elongation and Flexibility
Thickness	mm	4.0	4.0	2.0	8.0
Density	kg/m ³	33	33	33	25
25%compressive hardness	kPa	35	35	26	29
Tensile strength	kPa				
	MD	320	450	378	260
	TD	240	350	285	195
Elongation	%				
	MD	170	285	260	220
	TD	150	270	220	200
Tear strength	N/cm				
	MD	13	22	21	19
	TD	20	28	28	24
Thermal Stability	%				
	MD	less than -3%	less than -3%	less than -3%	less than -3%
	TD	less than -2%	less than -2%	less than -2%	less than -2%
		120°Cx1h	80°Cx1h	80°Cx1h	80°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.