

TORAYPEF™ General Grade

Polyolefin Form

TECHNICAL DATA

JIS Properties

Series		PE	PE	PE	PE	PE	PE	PE	PE	PE	PE	PE
Type		15060 AA00	10020 AA00	10040 AA00	15020 AA00	15030 AA00	15040 AA00	20040 AA00	30030 AG00	30050 AG00	30100 AG00	40100 AG00
Feature		All-purpose	All-purpose	All-purpose	All-purpose	All-purpose	All-purpose	All-purpose	All-purpose	All-purpose	All-purpose	All-purpose
Thickness	mm	6	2.0	4.0	2.0	3.0	4.0	4.0	3.0	5.0	10.0	10.0
Density	kg/m ³	67	90	90	67	67	67	47	33	33	33	25
25%compressive hardness	kPa	55	70	95	51	64	71	45	30	33	35	30
Tensile strength	MD	700	1000	1500	850	810	970	600	320	310	330	240
	TD	500	700	1040	650	640	780	450	210	230	260	180
Elongation	MD	330	300	265	240	270	230	245	180	165	135	145
	TD	175	240	180	170	210	185	180	130	130	120	110
Tear strength	MD	52	42	50	35	36	39	25	11	13	17	11
	TD	55	63	70	50	48	50	36	20	21	24	18
Thermal Stability	%	MD	less than -3%	less than -3%	less than -3%	less than -3%	less than -3%	less than -3%	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%	less than -2%	less than -2%	less than -2%	less than -2%	less than -2%	less than -2%
		80°Cx1h	80°Cx1h	80°Cx1h	80°Cx1h	80°Cx1h	80°Cx1h	80°Cx1h	80°Cx1h	80°Cx1h	80°Cx1h	80°Cx1h

Remarks for Handling

- The figures described herein are representative values of natural colors obtained based on the specific test method, and are NOT guaranteed values.
- For our colored products, the figures described herein will vary depending on the type and amount of pigment, dye, and additive used.
- The information contained herein is currently information we can reasonably obtain. The information may be revised without notice.
- 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.
- 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.
- 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.
- 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.
- Refer to Safety Data Sheet for this our product before use.
- 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.
- 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.
- Don't pile stocks too high in order to avoid injury caused by the product falling.
- Please keep avoiding direct sunlight.