

**TORAYPEF™ Tape Grade**

Polyolefin Form

TECHNICAL DATA

**JIS Properties**

Series		PE	PE	PE	PE	PE	PE	PE	PE	PE	PE	PE	PE	
Type		07011 AM00	07015 AM00	07011 AZ00	07015 AZ00	10010 AY00	10008 AM00	10022 AM00	15011 AY00	20020 A600	5S002 NA00	5S005 NB00	5Z002 NA00	5Z005 NB00
Feature		Excellent Elongation	Excellent Elongation	Excellent Hardness	Excellent Hardness	Excellent Flexibility	Excellent Waterproof and Flexibility	Excellent Elongation	Excellent Flexibility	Excellent Flexibility	Thin foam with excellent strength and elongation	Thin foam with excellent strength and elongation	Thin foam with excellent strength and hardness	Thin foam with excellent strength and hardness
Thickness	mm	1.1	1.5	1.1	1.5	1.0	0.8	2.2	1.1	2.0	0.2	0.5	0.2	0.5
Density	kg/m <sup>3</sup>	140	140	140	140	90	117	110	67	50	245	280	370	260
25%compressive hardness	kPa	78	72	127	131	64	50	65	47	40	53	68	57	57
Tensile strength	MD	2750	2680	1700	1780	130	2570	1700	850	750	5140	3480	3530	2510
	TD	2150	1870	1400	1450	900	1325	1400	580	530	2850	2260	1800	1550
Elongation	MD	490	525	340	390	330	400	480	320	350	350	400	145	250
	TD	480	535	300	360	310	370	480	290	280	485	500	250	280
Tear strength	MD	98	91	88	76	55	79	66	40	30	180	130	100	95
	TD	108	85	98	90	70	70	66	50	40	170	135	140	120
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%	-	-	-
		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%	-	-	-
		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.