



Properties	Test Method	Unit	NE8008I	
			High barrier Super tough	
			DAM	50% RH
Tensile Strength	ASTM D-638	Mpa	50	47
Tensile Strength at Break	ASTM D-638	%	150	210
Flexural Strength	ASTM D-790	Mpa	62	54
Flexural Modulus	ASTM D-790	Mpa	1600	1200
Izod Impact Strength, Notched	ASTM D-256	J/M 23°C	900(23°C) 750(-40°C)	1000(23°C) 850(-40°C)
Heat Deflection Temp. at 1.82Mpa	ASTM D-648	°C	72	
Heat Deflection Temp. at 0.45Mpa			171	
Melt Flow Index at 230°C, 5 kgs	ASTM D-1238	g/10min	2.7	
Specific Gravity	ASTM D-792	g/cm <sup>3</sup>	1.04	
Melting Point	ASTM D-789	°C	221	
Water Absorption (24 hrs, 50%RH)	ASTM D-570	%	0.18	
Water Absorption (24 hrs in water)	ASTM D-570	%	0.9	
Mold Shrinkage (machine direction)	ASTM D-955	%	1.3 ~ 1.6	

Remarks:

The above data and figures have been tested and filled by All Around Polymer Company Lab. They are for reference purpose and may change when necessary.



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