

WAYMAX™ Grade List

2023.10.1

		Grade					
Items	Unit	Test Method	MFX8	MFX6	MFX3	EX6000	EX4000
		MFR	g/10min	ISO 1133	1.3	2.8	8.0
Density	g/cm ³	ISO 1183	0.9	0.9	0.9	0.9	0.9
Melt Strength @ 230degC	g	JPP Method	25	17	6	9	5
Flexural Modulus	MPa	ISO 178	2,200	2,250	2,200	1,800	1,750
Flexural Strength			58	60	58	49	48
Tensile Modulus	MPa	ISO 527-1	2,050	2,050	2,050	1,700	1,650
Tensile Stress @ Yield			41	41	40	35	34
Nominal Tensile Strain	%		10	20	20	100	100
Charpy Impact Strength @ 23degC	kJ/m ²	ISO 179	4.0	4.0	4.0	10	9.0
Charpy Impact Strength @ 0degC			1.5	1.0	1.0	4.5	4.0
Rockwell Hardness	---	ISO 2039-2	100	100	100	90	100
Heat Deflection Temperature @ 0.45MPa Load	degC	ISO 75	120	120	120	110	110
Heat Deflection Temperature @ 1.80MPa Load	degC		65	65	65	60	60
PL confirmation certificate for food applications (JPN)			Approved	Approved	Approved	Approved	Approved

- This is a typical data, not to be construed as specification.
- Application suitability should be confirmed with the final product by referring to the physical property values.