

# HIMILAN

Grade	Ion type	Item	Measurement method	Density	Tensile stress at break	Tensile breaking strain	Bending rigidity	Durometer D hardness	Vicat softening temperature	Melting point	Brittle temperature	Optical properties (1 mm thickness) <sup>*2</sup>		Food hygiene ○: Listed (acquired), X: Not listed (not acquired) - : Unknown 1) Dow-Mitsui Polychemicals has not conducted an elution test using a food simulant-solvent. 2) Even if it is listed (acquired), there may be various restrictions and other requirements, please make sure to confirm the details with us. 3) Food hygiene information does not necessarily reflect the latest version of each law or regulation (including voluntary standards). Please be sure to confirm the							
												Haze	Total light transmittance					MHLW Positive Lists	JCII Center JHOSPA Type Confirmation Certificate	US FDA 21CFR	European PIM
												Unit	g/10min					kg/m <sup>3</sup>	MPa	%	MPa
1706	Zn		JIS K7210 :1999 (190°C, Z.16kg load)	JIS K7112 :1999	JIS K7161-1:2014 K7161-2:2014 <sup>*1</sup>	JIS K7161-1:2014 K7161-2:2014 <sup>*1</sup>	JIS K7106 :1995	:1986 <sup>*3</sup>	JIS K7206 :1999	(DSC)	JIS K 7216	JIS K7136 :2000	JIS K7361-1 :1997	○	○	○	○				
1705	Zn													○	○	○	○				
1702	Zn													○	○	○	○				
1650	Zn													○	○	○	○				
1557	Zn													○	○	○	○				
1554W	Zn													○	○	○	○				
1652	Zn													○	○	○	○				
AM7326	Zn													○	○	○	○				
1855	Zn													○	○	○	○				
1707	Na													○	○	○	○				
1605	Na													○	○	○	○				
1555	Na													○	○	○	○				
1601	Na													○	○	○	○				
AM79021	Na													○	○	○	○				
LDPE																					
EVA	(VA10%)																				

\* 1 Tensile test - test piece type and testing speed: JIS K 7161-2 / 1BA / 20

\* 2 Conditions for creating a test piece for optical properties (JIS K7151, cooling method: B method)

\* 3 Measurement instrument: Asker P-2 sensor descent rate: 10.0 mm / s

- Note: The data above are typical values and cannot be used as standard values.

- As there are large differences between different grades of HIMILAN, please consult with Dow-Mitsui Polychemicals when deciding on which grade to use.

- Only typical grades are listed in this table. Please contact Dow-Mitsui Polychemicals to inquire whether there are any grades other than those listed.