

**NEO-ZEX<sup>R</sup> (Film) Product Data Sheet**

Testing Items		Unit	Testing Method *1			Film												
			JIS K	ISO	ASTM	0134H	0134M	0134L	0134N	0144H	0144N	0234CL	0234H	0234N	0434N	3510F	2511F	
General Physical Properties	Melt Index	g/10min	7210	1133		1.2	1.2	1.2	1.2	1.2	1.2	2.0	2.0	2.0	4.0	1.6	1.3	
	Density	kg/m <sup>3</sup>	7112	1183		921	921	921	919	924	922	921	921	919	920	933	924	
Mechanical Properties	Tensile Stress At Yield	Mpa	7161 7162	527-1 527-2		10	10	10	10	12	12	9.9	10	10	9.4	14	12	
	Elongation At Break	%			>300	>300	>300	>300	>300	>300	>300	>300	>300	>300	>300	>300	>500	>300
	Flexus Modulus	Mpa	7171	178		200	200	200	200	250	220	200	200	200	210	400	250	
	Charpy Impact Strength	kJ/m <sup>2</sup>	7111	179-1		NB	NB	NB	NB	NB	NB	NB	N B	N B	NB	NB	NB	
	Shore D Hardness	-	7215	868		54	54	54	54	55	55	53	53	53	54	62	55	
Chemical Properties	E.S.C.R	hours	-	-	D1693	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	
Thermal Properties	Vicat Softening Point		7206	306		101	101	101	101	103	107	102	102	102	100	115	105	
	Melting Point *2		7121	11357-3		117	117	117	117	118	118	117	117	117	117	124	118	
Additive Formulation						High Slip	Medium Slip	Low Slip	Non Slip	High Slip	Non Slip	Low Slip	High Slip	Non Slip	Non Slip		High Slip	
Characteristics						Processibility	Processibility	Processibility	Processibility	Processibility	Processibility	Processibility	Processibility	Processibility	Processibility	Good Flowability	Stiffness	Processibility
Main Application						General Packaging	General Packaging	General Packaging	General Packaging	General Packaging	General Packaging	General Packaging	General Packaging	General Packaging	General Packaging	General Packaging	Food Packaging	General Packaging
																Lamination Film	Lamination Film	Lamination Film

\*1) Specimen preparation according to JIS K7151 (ISO293) and 7152 (ISO294) (Load at 2.16kg)

Melt Index above 1g/10min: Injection molding specimen

Melt Index below 1g/10min: Pressed sheet specimen

\*2) Melting point: Melting peak temperature. Speed of decreasing temperature:5 /min, Speed of increasing temperature:10 /min

Statistics shown in the information are typical data tested under specific conditions

Applications usage that is mentioned in the information might not be the usage of specified grade in the end product.

Pertaining to the usage and application recommendation information, please note the rights of the patentees.

In the usage of medical utensile and medicinal products, please be advised to have further consultation.

Please understand that the information provided herein is subjected to change without prior notice.