

Basic Properties	Unit	Method	Film										Non-Additive Film			Extrusion Coating			Injection
			NF324A	NF375B	NF375Z	NF366A	NF384A	NF444A	NF464A	NC564A	NC566A	NC596A	NF325N	NF464N	NF444N	NH645A	NH745N	NH845N	NJ744N
MFR	g/10min	ISO 1872-2	1.0	1.0	1.0	1.5	1.7	2.0	2.0	3.5	3.8	4.0	0.9	2.0	2.0	8.0	8.0	15	12
Density	g/cm ³	ISO 1872-1,2	0.906	0.921	0.921	0.919	0.926	0.912	0.918	0.918	0.918	0.931	0.908	0.918	0.912	0.913	0.913	0.913	0.911
Tensile Strength at Yield	MPa	ISO 1872-2	-	11	11	-	13	-	-	-	-	-	-	-	-	-	-	-	-
Nominal Tensile Strain at Break	%	ISO 1872-2	-	>400	>400	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tensile Strain at Break	%	ISO 1872-2	>500	-	-	>500	>500	>500	>500	>500	>500	>500	>500	>500	>500	>500	>500	>500	>500
Flexural Modulus	MPa	ISO 1872-2	80	290	290	210	340	110	160	160	160	350	90	160	120	110	110	120	120
Charpy Impact Strength	kJ/m ²	ISO 1872-2	No-Break	No-Break	No-Break	No-Break	No-Break	No-Break	No-Break	No-Break	No-Break	No-Break	No-Break	No-Break	No-Break	No-Break	No-Break	No-Break	No-Break
Tensile Impact Strength	kJ/m ²	ISO 1872-2	290	300	300	300	400	300	300	300	300	280	290	300	300	320	320	260	270
Durometer Hardness (Type D)	-	ISO 868	45	54	54	54	58	48	53	53	53	59	45	53	47	48	47	46	46
ESCR at Continuous Strain	h	ASTM D1693	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000
Vicat Softening Temperature	℃	ISO 306	88	103	103	100	110	93	98	100	100	113	88	98	91	86	85	84	90
Melting Point	℃	ISO 11357-3	120	124	124	124	127	121	124	124	124	125	120	124	121	121	121	120	120
Brittleness Temperature	℃	ISO 974	<-70	<-70	<-70	<-70	<-70	<-70	<-70	<-70	<-70	<-70	<-70	<-70	<-70	<-70	<-70	<-70	<-70
Test Specimens			Compression	Compression	Compression	Injection	Injection	Injection	Injection	Injection	Injection	Injection	Compression	Injection	Injection	Injection	Injection	Injection	Injection
Application			●Blown Film ●For blending	●Blown Film ●Heavy Duty Bag	●Blown Film ●Heavy Duty Bag	●Blown Film ●Wide Film ●Semi-Heavy Duty Film	●Blown Film ●Meat Package	●Blown Film	●Blown Sealant Film	●Cast Sealant Film	●Cast Sealant Film	●Cast Sealant Film ●Heat-Resistance ●Cable Film	●Bag ●Blow Bottle	●Blown Sealant Film	●BIB Inner Bag ●Sealant Film	●Inner Layer for Liquid Sachets	●Paper Package	●Paper Package	●Seal Lid
PL confirmation certificate for food applications (JPN)			Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved

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