

Extrusion Coating LDPE

Properties	MFR	Density	Melting Point	Softening Point	Durometer Hardness	Neck-in	Draw Down	JHOSPA PL No.	Application
				Vicat	(HDD)				
Unit	g/10min	g/cm ³	°C	°C	—	cm	m/min		
Grade									
NUC-8010	3.1	0.928	113	101	55	5.0(MAX)	300<	[A]EZar-2808	Paper Coating
NUC-8000	3.2	0.924	111	97	51	2.9	300<	[A]EZar-2537	Paper Coating Flexible Packaging
NUC-8008	4.7	0.918	108	82	47	2.8	200<	[A]EZar-0269	Flexible Packaging Paper Coating
NUC-8080	7.5	0.918	108	81	48	3.4	250<	[A]EZar-0269	Paper Coating Cloth Coating
NUC-8009	9.0	0.917	107	80	46	4.0	250<	[A]EZar-3524	Paper Coating Cloth Coating
DNDV-0405R	32	0.914	105	73	45	-	-	[A]EZa-0942	Carpet Backing

Note • The values are dependent upon using the testing method as indicated and are offered herein as a guide in the use of compound.

Processing Condition

Neck-in at 320degC, 0.015mm coating, 100m/min line speed, 110mm draw distance

Draw Down at 320degC, through put of 0.8kg/hr/cm die

Comparison of Properties

	LDPE	LLDPE	HDPE
Density	0.910~0.930	0.910~0.940	0.942~
Melting Point	105~115°C	117~127°C	125°C~
Rigidity	Soft	Rigid	Rigid
Tensile Strength	Normal	High	High
Elongation	Normal	High	Low
Impact Strength	Normal	High	Low
Clarity	Good	Fair	Bad
Processability	Good	Poor	Poor
Motor Load	Normal	High	High