

50/50 BLEND of the following two resins:

Low density PE – J4324 Than Petrochemical
High Density PE – M691 Korea Petrochemical



(2) Low Density Polyethylene (LDPE)

THAI PETROCHEMICAL INDUSTRY PUBLIC CO., LTD. PHYSICAL PROPERTIES OF POLYENE LDPE

PROPERTY	MELT INDEX (2.16kg/190°C)	DENSITY	TENSILE STRENGTH	TENSILE STRENGTH	ULTIMATE ELONGATION	VICAT SOFTENING TEMPERATURE	HAZE	GLOSS	IMPACT RESISTANCE	APPLICATION
TEST METHOD	ASTM D1238	ASTM D1505	AT YIELD	AT BREAK	ASTM D638	ASTM D1525	ASTM D1003	ASTM D2457	ASTM D1709A	
UNIT	(g/10 min)	(g/cm ³)	ASTM D638 (N/mm ²)	ASTM D638 (N/mm ²)	(%)	(°C)	(%MAX)	(%MIN)	(g)	
D 2022	0.25	0.921	10	16	700	99	16	53	190	FILM EXTRUSION
D 2024	0.70	0.922	10	14	600	98	9	74	170	FILM EXTRUSION
J 4324	2.50	0.921	10	11	600	95	8	85	175	FILM EXTRUSION
✓ H 4330	5.00	0.924	12	10	600	99	7	90	150	FILM EXTRUSION
✓ J 4324	5.50	0.921	11	10	600	95	8	88	152	FILM EXTRUSION
M 1018	7.50	0.917	10	10	600	88	7	90	144	LAMINATION COATING
S 1018	20.00	0.916	9.0	8	430	84	-	-	-	INJECTION MOLDING
ST 1018	30.00	0.916	9.0	7	300	83	-	-	-	INJECTION MOLDING
SU 1018	45.00	0.916	9.0	7	230	80	-	-	-	INJECTION MOLDING

REMARK: 1. THE VALUES PRESENTED ON THE ABOVE ARE TYPICAL LABORATORY AVERAGE.

2. ALL GRADES MEETS F.D.A. REQUIREMENTS AS LISTED IN FOOD ADDITIVES REGULATION 21 CFR 171.1520

FOR USE IN DIRECT CONTACT WITH FOODS.

THAI PETROCHEMICAL INDUSTRY PUBLIC CO., LTD.

11th FL TPT TOWER 26/56 CHANTAT MAI ROAD,

TUNGMAJAMIEK, SATHORN, BANGKOK 10120

TEL.: (622) 678 5000, 678 5100, 678 5200 ; 193A 678 5050

FAX: (622) 678 5001-5

D. Pichard
4/29/03