

NAME: 2404TC47

1) **Product Description:** LDPE 2404TC47 Light duty Film

2) **Application:**

- It is used for very thin films requiring good optical properties for general packaging applications e.g. covering film with very low blocking endency.

3) **Typical data. (Table)**

Property	Unit	Typical Value	Test Method
Physical			
MFI	Dg/min	4.7	ISO 1133
Density	kg/m ³	924	ISO 1183 (A)
optical			
Haze	%	12	ASTM D1003A
Clarity	mV	28	DSM METHOD
Gloss	%	50±5	ASTM D2457
Fomulation			
Anti oxidant	ppm	600±60	DSM METHOD
Anti block	ppm	2000±400	DSM METHOD
slip	ppm	1000±100	DSM METHOD
Film property			
Impact Strength	kJ/m	13	ASTM D4272
Tear Strength TD	KN/ m	30	ISO 6383-2
Tear Strength MD	KN/ m	90	ISO 6383-2
Yield Stress TD	MPa	13	ISO R527-1
Yield Stress MD	MPa	13	ISO R527-1
Tensile Strength TD	MPa	16	ISO R527-1
Tensile Strength MD	MPa	27	ISO R527-1
Elongation at break TD	%	>450	ISO R527-1
Elongation at break MD	%	100	ISO R527-1
Modulus of elasticity TD	MPa	250	ISO R527-1
Modulus of elasticity MD	MPa	230	ISO R527-1
Coefficient of friction		0.2	ASTM D1894