

NAME: 2602TH00

1) **Product Description:** LDPE 2602TH00 high clarity Film

2) **Application:**

- Film, underblankets and films for medical applications. It is used in combination with LLDPE in products like diaper

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

Property	Unit	Typical Value	Test Method
Physical			
MFI	Dg/min	1.9	ISO 1133
Density	kg/m ³	926	ISO 1183 (A)
optical			
Haze	%	7.1	ASTM D1003A
Clarity	mV	11	DSM METHOD
Gloss	%	61±5	ASTM D2457
Formulation			
Anti oxidant	ppm	600±60	DSM METHOD
Anti block	ppm	-	
slip	ppm	-	
Film property			
Impact Strength	kJ/m	15	ASTM D4272
Tear Strength TD	KN/ m	40	ISO 6383-2
Tear Strength MD	KN/ m	90	ISO 6383-2
Yield Stress TD	MPa	14	ISO R527-1
Yield Stress MD	MPa	13	ISO R527-1
Tensile Strength TD	MPa	20	ISO R527-1
Tensile Strength MD	MPa	30	ISO R527-1
Elongation at break TD	%	>500	ISO R527-1
Elongation at break MD	%	>150	ISO R527-1
Modulus of elasticity TD	MPa	260	ISO R527-1
Modulus of elasticity MD	MPa	240	ISO R527-1
Coefficient of friction		>1.0	ASTM D1894