

EDS

Engineering,
GM DAEWOO Auto & Technology
Standards

POLYETHYLENE FILM

EDS-M-6326

ISSUED DATE: 1994. 09. 02

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VERSION: 3

1. PURPOSE

This specification specifies the requirements of basic property for the polyethylene film used for door sealing in automobile.

2. SCOPE

This specification applies to the sealing film for door.

3. MATERIAL

Polyethylene film

4. REQUIREMENTS

Test Designations	Test Methods	Specifications
4.1. Material		Polyethylene
4.2. Weight per unit area	EDS-T-7611	150 g/m ² min.
4.3. Thickness	EDS-T-7624-1A	0.1 mm min.
4.4. Tensile strength	EDS-T-7132-F	
4.4.1. In longitudinal direction		12 N/mm ² min.
4.4.2. In transverse direction		12 N/mm ² min.
4.5. Tensile extension	EDS-T-7132-F	
4.5.1. In longitudinal direction		350 % min.
4.5.2. In transverse direction		350 % min.
4.6. Tear propagation	EDS-T-7666	
4.6.1. In longitudinal direction		35N min.
4.6.2. In transverse direction		35N min.
4.7. Temperature stability	EDS-T-7604-1B	
4.7.1. Dimensional change		
(1) In longitudinal direction		-1.0% max.
(2) In transverse direction		±1.0% max.
4.8. Low temperature resistance	EDS-T-7605 -G100, H100-	
4.8.1. In longitudinal direction		No cracks
4.8.2. In transverse direction		No cracks
4.9. Volatility of organic constituents	<i>EDS-T-7694</i>	
- Reflectance		<i>60% min.</i>
4.10. Resistance to odor	EDS-T-7603	
4.10.1. A1		Rating 5 min.
4.10.2. B1		Rating 5 min.
4.11. Flammability	EDS-T-7602	
- Burn rate		90mm/min max.