

EDS

Engineering,
GM DAEWOO Auto & Technology
Standards

NON ASBESTOS GASKET COMBINED WITH SYNTHETIC BINDERS

EDS-M-6521

ISSUED DATE: 1998. 11. 30

REVISED DATE: 2003. 06. 24

VERSION: 3

1. PURPOSE

This specification specifies the requirements of basic property for non asbestos gasket combined with synthetic binders used in automobile.

2. SCOPE

This specification applies to the transmission body.

3. MATERIAL

Non asbestos gasket with high oil & solvent resistance which is composed of aramid fibers and other additives combined with synthetic binders under high temperature and high pressure

4. REQUIREMENTS

DESIGNATIONS	TEST METHODS	SPECIFICATIONS
4.1. Density	EDS-T-7305	1.6 ~ 1.8 g/cm ³
4.2. Thickness	EDS-T-7624-1A	See relevant drawings
4.3. Tensile strength	EDS-T-7132-L	15 N/mm ²
4.4. Compressibility	EDS-T-7665-J	6 ~ 12 %
4.5. Recovery	EDS-T-7665-J	50 % min.
4.6. Fuel resistance		
4.6.1. ASTM OIL No.3 (+150 ± 3°C, 5 hours)		
(1) Change of thickness		8 % max.
(2) Change of weight		10 % max.
4.6.2. ASTM Fuel B (Room Temperature ± 5°C, 5hours)		
(1) Change of thickness		7 % max.
(2) Change of weight		10 % max.

5. ADDITIONAL REQUIREMENTS

5.1. Further detail, see parts drawings.

6. APPROVAL AND QUALITY ASSURANCE PROCEDURE

All raw material shall be approved and regularly inspected for its quality prior to and during mass production delivery according to approval and quality assurance procedure for chemical raw materials (Spec. no. EDS-M-0102)