

### Non-Solvent type Mastic Adhesive 1555 Black

1555 Black is a synthetic rubber based non-solvent mastic adhesive, which is designed especially for hood and trunk lid of automobiles. It provides excellent elasticity and bonding performance as an anti-fluttering adhesive.

#### 1. Characteristics

1. Excellent adhesion and stability to oily steel.
2. Excellent rust prevention.
3. No threading and excellent workability.
4. Excellent shower resistance.

#### 2. Applications

1. Anti-fluttering adhesive to bond outer panel and inner panel of hood, trunk lid, door etc automobiles.
2. An adhesive/sealant to seal jointed parts.

#### 3. Physical Properties

|                           |                               |
|---------------------------|-------------------------------|
| Appearance                | : Black                       |
| Viscosity (28±2°C)        | : 2600 – 3400 Pa.s            |
| Specific Gravity          | : 1.3 – 1.4                   |
| Non-Volatile Content (%)  | : 96 – 100%                   |
| Hardness (160°C, 15 mins) | : 11 – 21                     |
| Elongation                | : 250%                        |
| Tensile Strength          | : 100 – 300 kPa (50% Modulus) |
| Shear Strength (mPa)      | : 400 – 800 kPa (CF)          |

## 4. Test Method

|                      |                                     |
|----------------------|-------------------------------------|
| Viscosity            | : BS Type No. 7 rotor X 2 rpm       |
| Non-Volatile Content | : 105°C X 3 hrs                     |
| Hardness             | : JIS-A Hardness                    |
| Curing Condition     | : 160°C X 15 min                    |
| Tensile Strength     | : 50% Modulus – 50mm/min (dumbbell) |
| Shear Strength       |                                     |

|                             |                          |
|-----------------------------|--------------------------|
| Thickness of adhesive layer | : 3mm                    |
| Lap                         | : 25 x 25mm <sup>2</sup> |
| Cross-head speed            | : 50 mm/min              |
| Curing Condition            | : 160°C x 15 min         |

## 5. Usage

Use high pressure pump and extrude with flow gun.

## 6. Precautions

1. Keep at cool and dark place
2. In case of skin contact, wash thoroughly with soap and water
3. In case of eye contact, wash out with water for more than 15 mins and immediately get medical care
4. If swallowed, immediately call a doctor

## 7. Packaging

|          |        |
|----------|--------|
| Drum     | 220 kg |
| Pail can | 20 kg  |
| Catridge | 333 ml |