

**HOLDEN**

Holden Limited
Engineering Department

MATERIAL SPECIFICATION

NUMBER : HN 2244
SHEET : 1 of 2
RELEASE : December, 1996
REVISION : March, 1998

NAME: URETHANE FOAM FOR CUP HOLDER RETAINER

1. SCOPE

The material defined by this specification is a microcellular urethane foam for use with a plastic cup holder.

2. PROPERTIES

2.1	Thickness	1.6 ± 0.16 mm
2.2	Density	320 kg/m ³
2.3	Compression Set (ASTM D 3574 at 70 °C)	10 % maximum
2.4	Hardness	50 ± 5 Shore A
2.5	Tensile Strength (ASTM D 3574)	1365 kPa minimum
2.6	Elongation (ASTM D 3574)	50 % minimum
2.7	Flammability (GM6090M B4-A)	100 mm/min maximum

3. APPROVAL, INSPECTION, REJECTION

Refer HN 1000, Clauses A and C

4. HAZARDOUS MATERIALS

Refer HN 1000, Clause H

5. RESTRICTED CHEMICALS

Refer HN 1000, Clause J

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THE COMPANY'S PRODUCTS THE RECIPIENT IS RESPONSIBLE TO
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6. APPROVED SUPPLIERS AND MATERIALS

APPROVED SUPPLIER

APPROVED MATERIAL

Nitto Denko

Nitto 2800 Series

7. REVISIONS

March 1998

Addition of the Flammability Requirement

Prepared by: Ron Boyack

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