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		SUPERSEDES BP 23792 Rev.03
<u>POLYESTER FIBRE REINFORCED POLYESTER FLEECE SHEET</u>		
<p>1. GENERAL :</p> <p>This specification governs the quality requirement of nonwoven polyester fleece reinforced with polyethylene terephthalate threads by heat sealing. Polyester fleece has random structure. Material is highly resistant to most of organic and inorganic solvents. The material can be used upto a temperature of 155 deg.C depending upon the type of impregnant.</p>		
<p>2. APPLICATION : Used for sealing tape ends.</p>		
<p>3. COMPLIANCE WITH NATIONAL STANDARDS :</p> <p>There is no Indian standard covering this type of material.</p>		
<p>4. DIMENSIONS AND TOLERANCES :</p> <p>Thickness, width and length shall be stated on the order.</p>		
<p>4.1 Preferred Thickness & Tolerances : 0.073 mm with tolerance of ± 0.005 mm.</p>		
<p>4.2 Standard width and Tolerance : 1000 mm with Tolerance of ± 15 mm.</p> <p>However any other width can also be ordered.</p>		
<p>4.3 Length / Roll : 100, 200 metres.</p>		
<p>5. TEST METHODS :</p> <p>Tests shall be conducted as per relevant methods specified against each clause.</p>		
<p>6. SAMPLE FOR TEST :</p> <p>10 sheets of ordered thickness in the size of 300 x 300 mm shall be supplied for testing and approval purposes.</p>		
<p>7. STORAGE :</p> <p>Material shall be stored in dry room suitably packed in polyethylene covers. Rolls should never be exposed to excessive loads or stacked.</p>		
Revision :Reviewed & Brought upto date		Issued by : <i>Sharda</i> STANDARDS AND MATERIALS GROUP TECHNICAL SERVICES DEPARTMENT
Rev. 04	Date : 17.10.2007	Date of first Issue : May 1986



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8. PHYSICAL PROPERTIES :

8.1 Substance : $32 \pm 2 \text{ gm/m}^2$

8.2 Density : $0.41 \pm 0.03 \text{ gm/cc}$

8.3 Air Permeability at 2 m bar (IS : 9335) Part 2 : $800-1200 \text{ dm}^3/\text{S/ m}^2$

9. MECHANICAL PROPERTIES :

9.1 Breaking load (IS:5351) : Machine Direction : 30 N/cm width,Min.
Cross Machine Direction : 6 N/cm width,Min.

9.2 Elongation (Gauge Length 100 mm) : Machine Direction : 15 - 25 %
Cross Machine Direction : 15 - 25 %

10. THERMAL PROPERTIES :

10.1 Thermal Shrinkage at $150 \pm 2 \text{ deg.C}$ for 15 minutes : 6 %, Approx (IS: 5351)

11. TEST CERTIFICATE :

Unless otherwise stated, three copies of certificates shall be supplied along with each consignment. In addition, the supplier shall ensure to enclose one copy of test certificate along with their despatch documents to facilitate quick clearance of the material.

The test certificate shall bear the following information:

BP 23792 : Polyester Fibre Reinforced Polyester Fleece Sheet

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Our Order No.

Batch/Lot No.

Test values obtained, certificates for compliance for clause 4 & 8 to 10.

12. PACKING :

The tape shall be suitably packed to protect from contamination and damage in transit.

13. MARKING :

13.1 On Rolls :

Each roll shall be legibly marked with the following information:

Batch / Lot No.

Manufacturer's and/or supplier's Name and Grade:

Thickness, Width & Length.

Date of Manufacture & Exp



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13.2 On Crate

Each crate shall be marked with the following information :

BP 23792 : Polyester Fibre Reinforced Polyester Fleece Sheet.

Our Order No.

Manufacturer's and / or supplier's Name and Grade.

Batch / Lot No.

Thickness, width & length of Roll.

Quantity of Rolls.

Date of Manufacture & Expiry.

Test Certificate Reference.