

polyurethane foam properties

We are a leading manufacturer of polyurethane foam, offering a wide range to suit varied applications. Our polyurethane foam is strong and, at the same time, also soft. It is bouncy and resilient and extremely durable. We can also manufacture foam as per customer specifications to suit a different type of application. The properties of our foam are given below.

| TYPE | GRADES (Nos) | DENSITY kg/m ³ | ILD(N) ISO 24398 40% +/- 4% | CLD (kpa) NFT 56110 40% +/- 4% | RESILIENCE PERCENT +/- 3% | FLAME RETARDANCY* |
|---|--------------|---------------------------|-----------------------------------|--------------------------------------|------------------------------|-------------------|
| HIGH QUALITY CONTRACT FURNISHINGS | | | | | | |
| HR Superflex | 1 | 28 - 30 | 133 | 3.5 | 56 | ✓ |
| HR Superflex | 1 | 38 - 40 | 136 | 3.1 | 57 | ✓ |
| HR Superflex | 1 | 48 - 50 | 138 | 2.9 | 58 | ✓ |
| HR Superflex | 1 | 58 - 60 | 260 | 6.3 | 65 | ✓ |
| Conventional | 1 | 48 - 50 | 150 | 3.6 | 58 | - |
| Conventional | 1 | 38 - 40 | 182 | 5.1 | 46 | ✓ |
| Conventional | 1 | 28 - 30 | 122 | 3.0 | 44 | ✓ |
| Conventional | 1 | 23 - 25 | 95 | 2.3 | 49 | ✓ |
| Conventional | 1 | 33 - 35 | 120 | 2.8 | 55 | - |
| BEDDING AND MATTRESSES | | | | | | |
| Conventional | 1 | 16 - 18 | 110 | 2.9 | 35 | - |
| Conventional | 1 | 28 -30 | 160 | 3.8 | 45 | - |
| Conventional | 1 | 38 - 40 | 165 | 3.9 | 55 | - |
| FURNISHING & UPHOLSTERY | | | | | | |
| Conventional | 3 | 18 - 20 | 55 - 125 | 1.3 - 3.3 | 45 - 60 | - |
| Conventional | 2 | 23 - 25 | 100 - 130 | 2.4 - 3.3 | 35 - 40 | - |
| Conventional | 3 | 28 - 30 | 60 - 160 | 1.3 - 3.8 | 60 - 45 | - |
| Conventional | 1 | 48 - 50 | 150 | 3.6 | 57 | - |
| SPECIAL APPLICATIONS | | | | | | |
| Shoulder Pad | 1 | 22 - 25 | 190 | 5.25 | 22 | - |
| Rebonded | 1 | 57 - 60 | - | 11 | 40 | - |
| Rebonded | 1 | 77 - 80 | - | 20 | 35 | - |
| * Meets California Test Bulletin 117.All the grades given above are specially arrived at to meet certain flammability standards.Indiscriminate usage should be avoided. | | | | | | |