

**TYPICAL DATA SHEET\***

**GRADE**

**HD3840UA**

HD3840UA is high density polyethylene copolymer containing butene-1(C4) as comonomer. It is suitable for use as rotational moulding applications. HD3840UA has the following characteristics: good impact strength, easy to demould, uv stabilised, good whiteness, excellent surface finish.

Applications:

general purpose rotomolded items, septic tanks, recycling banks

| PROPERTY                 | UNIT    | TEST METHOD | TYPICAL VALUE |
|--------------------------|---------|-------------|---------------|
| MELT FLOW INDEX(2.16KG)  | g/10min | ASTM D-1238 | 4             |
| DENSITY                  | gr/cm3  | ASTM D-1505 | 0.938         |
| YELLOWNESS INDEX         | -       | ASTM E-313  | -1            |
| WHITENESS INDEX          | -       | ASTM E-313  | 60            |
| CONTAMINATION            | NO.     | BP137       | 5             |
| VICAT SOFTENING POINT    | °C      | ASTM D-1525 | 115           |
| TENSILE STRESS AT YEILD  | MPA     | ASTM D-638  | 15            |
| ELONGATION AT BREAK      | %       | ASTM D-638  | 900           |
| ESCR(IGEPAL10% F50,23°C) | HR      | ASTM D-1693 | 350           |
| CHARPY IMPACT            | KJ/M2   | ASTM D-6110 | 18            |

