TVRG High density

<table>
<tr><td colspan="3" align="center">Technical Data Sheet(HTVRG40)</td></tr>
<tr><td colspan="2" align="center">Quality:PE/EVA</td><td align="center">Colour:Colorful</td></tr>
<tr><td colspan="2" align="center">Calssification :ASTM/ISO</td><td align="center">Passed at 6.0mm thickness</td></tr>
<tr><td align="center">TVRG series</td><td align="center">Standard</td><td></td></tr>
<tr><td align="center">Material base</td><td align="center">ISO 1629</td><td>Blend of Polyethylene and Ethylene vinyl acetate (PE/EVA)</td></tr>
<tr><td align="center">General description</td><td align="center">Without Standard</td><td>Closed cell ,soft-elastic ,sulfur-free crosslinked ,Low Density</td></tr>
<tr><td align="center">Density</td><td align="center">Without Standard</td><td>30 to 50 kg/m^3</td></tr>
<tr><td align="center">Application temperature</td><td align="center">Without Standard</td><td>-40 to +90 °C , Short time to +110 °C</td></tr>
<tr><td align="center">Outdoor exposure</td><td align="center">ISO 877</td><td>Very good weather resistance</td></tr>
<tr><td align="center">Ozone resistance</td><td align="center">ISO1431</td><td>200pphm /48hr/%20St/40°C/Static No crack</td></tr>
<tr><td align="center">Compression set</td><td align="center">ASTM D1056</td><td>22h, 70 °C, 50%: ≤ 50% (after 24 h)</td></tr>
<tr><td align="center">Water absorption</td><td align="center">ASTM D570</td><td>≤ 3%</td></tr>
<tr><td align="center">Tensile strength</td><td align="center">ISO 1798</td><td>≥ 330 kPa</td></tr>
<tr><td align="center">Elongation at break</td><td align="center">ISO 1798</td><td>≥ 240%</td></tr>
<tr><td align="center">Tear resistance</td><td align="center">ASTM D624</td><td>≥ 2.2 kN/m</td></tr>
<tr><td align="center">Shore hardness</td><td align="center">Shore C</td><td>6 To 25</td></tr>
<tr><td align="center">Form of delivery</td><td colspan="2">Block size with production skin 3200 * 1550 * 90 mm, 2* skin.
The material can be further processed by splitting, cutting, sawing, punching, gluing, Layers, and coating with adhesives.
General dimensional tolerances for sheet and sheet products comply with DIN 7715 P3,
dimensional tolerances for the block material may differ.</td></tr>
<tr><td align="center">Examples for chemical resistances</td><td colspan="2">Acids and bases in common concentrations, water, water steam up to 100 °C, sea water, potassium and sodium compounds, alum aqueous, detergent, photographic chemicals, ammonia cold, acetylene, alcohols, glycerine, brake fluids, glycol-based anti-freeze, carbonic acid, ozone, silicone oil, bleaching powder aqueous.(limited deployable)
Chlorine gas, ammonia hot, conc. hydrochloric acid.(not recommended)
Fuels, oils, greases, mineral spirits, solvents such as toluene, dichloromethane, trichloroethylene, perchloroethylene (PER), cellulose thinners, conc. nitric and sulfuric acid.</td></tr>
<tr><td align="center">Suggestions for disposal</td><td colspan="2">Under the observance of local waste disposal regulations, it may therefore be disposed of as houshold waste on landfills or domestic waste incineration plants.</td></tr>
<tr><td colspan="3">The information were thoroughly determined, liability is excluded. The above given information does not release the user from own tests. Detailed information can only be obtained after formal testing in individual cases.</td></tr>
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