



MATERIAL DATA SHEET

Material ref: N2248

Description: 70 duro nitrile

Meets: ASTM D2000 M2BG714 B14EF11EF21Z1-ABS Compatible

Typical Properties/SLABS AND BUTTONS

| | Test Method | Unit of Measure | Nominal Value | Obtained Value |
|---|---------------------------|-----------------|---------------|----------------|
| Hardness | ASTM D2240 | Shore A | 70+/-5 | 70 |
| Tensile Strength | ASTM D412 | Mpa | >13 | 15.7 |
| Ult. Elongation | ASTM D412 | % | >250 | 350 |
| Specific Gravity | ASTM D1817 | G/cm3 | 1.24+/-0.03 | 1.24 |
| Compression Set 22hrs @ 100C | ASTM 395B | % | 25 max | 15 |
| Immersion Test Fuel A | ASTM D471 70 hrs @ 23C | | | |
| Hardness Change | | Shore A | | +1 |
| Tensile Change | | % | | -13 |
| Elong. Change | | % | | -9 |
| Vol. Change | | % | | -1 |
| Immersion Test Fuel B | ASTM D471 70 hrs @ 23C | | | |
| Hardness Change | | Shore A | | -12 |
| Tensile Change | | % | | -52 |
| Elong. Change | | % | | -39 |
| Vol. Change | | % | | +13 |
| Heat Resistance | ASTM D573 70hrs @ 100C | | | |
| Hardness Change | | Shore A | | +5 |
| Tensile Change | | % | | +11 |
| Elong. Change | | % | | -14 |
| Compatibility Polycarbonate Plastics | 200 hrs room temp | | no crazing | pass |