

DuraClear™ 2000 SpecGrade™ Enhanced Linear Low Density Polyethylene (DC21)

DuraClear 2000 SpecGrade(DC21) is a strong, durable material ideal for multiple applications. DC21 provides a measurable increase in strength while reducing non-productive properties found in other bag materials. DC21 is easy to work with, providing seamless changeovers and higher productivity.

Genuine Autobag® bags-on-a-roll and SidePouch™ bags-in-a-box are system-matched and guaranteed to run on all Automated Packaging Systems bagging equipment.



User Benefits

- High Productivity
- Flexible Options
- Good Clarity & Strength
- Tight gauge tolerance

Typical Applications

- Automotive
- Medical
- Food
- Retail
- Crafts
- Any application where high productivity, clarity and strength are required

Technical Specifications

Compliances: FDA 21 CFR 177.1350
FDA 21 CFR 177.1520
MIL-DTL-117H TYPE III Class B

Press Printing: Yes

Imprinting: Yes

Trim Seal: Yes

Mil Thickness: 3.9 ± 10%

Configuration: Autobag; and SidePouch with restrictions

| Performance Data: | U/M | 2.0/SD | ASTM |
|----------------------------|----------------------------|--------|--------|
| Haze | % | 23.7 | D1003 |
| Puncture Resistance (Dart) | grams | 523 | D-1709 |
| Tensile Strength MD | psi | 5922 | D-882A |
| Tensile Strength TD | psi | 5521 | D-882A |
| Elongation MD | % | 763 | D-882A |
| Elongation TD | % | 780 | D-882A |
| Elmendorf Tear MD | grams | 1444 | D-1922 |
| Elmendorf Tear TD | grams | 1449 | D-1922 |
| OTR | cc/100in ² /day | 212 | D-3985 |
| MVTR | g/100in ² /day | 0.2 | F-1249 |



Above chart reflects nominal test values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect MLT1 & 2 materials only. Certain minimum purchase volumes may apply.

MIL DC21

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m a c h i n e s m a t e r i a l s s e r v i c e

s y s t e m s a d v a n t a g e