

High Impact Polystyrene (ARPS)

Processing HIPS Black Repro

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| <u>Convert Imperial</u> | | |
| Mold | | 20 – 60 Deg. C |
| Melt | | 200 – 260 Deg. C |
| Max Temp | | 280 Deg. C |
| Drying | | 60 - 75 |
| Injection Speed | | Typically High |
| Purge | | GPPS |

Physical Characteristics

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|-------------------------|--|-----------------------|
| Structure | | Amorphous |
| Opacity | | Translucent to Opaque |
| Physical | | Tough |
| Specific Gravity | | 1.03-1.06 |
| Shrinkage | | 0.4 to 0.7% |
| | | |
| Melting Point | | 95 Deg. C |
| HDT | | 75 – 90 Deg. C |
| Service Temp | | 70 Deg. C |

HIPS offers excellent processing, glossy surface finish, low creep, good dimensional stability and high impact strength.]

Applications include: automotive interior, exterior, appliance housings & white goods.

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