

# Aspect FDA HDPE PCR 03



General	
Availability	Global
Processing Method	Blow Molding
Description	100% FDA HDPE PCR
Color	Natural

Properties	Typical Value	Unit	Test Method
Melt Flow Rate (230°C / 2.16kg)	0.3 (+/-3)	Gm/10 min.	ASTM D1238
Density	>0.94	g/m3	ASTM D792
Tensile strength at yield (50mm/min)	23 ± 5	MPa	ASTM D638
Color L*	70 ± 5	-	Color Quest XE
Color b*	9 ± 3	-	Color Quest XE
Elongation at break (50mm/min)	>50	%	ASTM D638
Notched Izod Impact strength	>220	J/m	ASTM D256A
Flexural Strength Speed = 2 mm/min	20 ± 5	Mpa	ASTM D790
Flexural Modulus Speed = 2 mm/min	>900	Mpa	ASTM D790
Moisture	<0.25	%	EB-WI/QC/FGQC/17
Bulk Density	450-600	Kg/m3	EB-WI/QC/FGQC/18
Chips/gm	45-55	No.	EB- WI/QC/FGQC/04
Pellets with black specs > 0.5 mm	<5	%	EB-WI/QC/FGQC/04

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

[www.theaspectcompany.com](http://www.theaspectcompany.com)

(631) 629-4520