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Изоцианатный компонент (компонент Б): полимерный дифенилметандиизоцианат IsoPMDI Супрасек 5005, Лупранат M20S, PM-200, Миллионат MR-200 – полиизоцианаты  **Область применения:**  Изопол 3255® Предназначены для изготовления теплоизоляционных скорлуп и формованных изделий. Может быть использована для заливки сандвич панелей, и теплоизоляции труб по методу труба в трубе, малых и средних диаметров.  **Физико-химические показатели**   |  |  |  |  | | --- | --- | --- | --- | |  | Полиольный  компонент | Изоцианатный  компонент | Метод испытания | | Плотность  при 20°С | 1,12 г/см3 | 1,23 г/см3 | ДИН 51 757 | | Вязкость  при 20°С | 250 мПа·с | 300 мПа·с | ДИН 53 018 |     **Контролируемые параметры:**  Испытание в стакане (технологическая проба):  Температура компонентов:        20+1°С  Соотношение компонентов:      А : Б = 100 : 140-150 по объёму.                                                                Норма                                   Время старта                                   15 -  25 сек                Время гелеобразования                 60-90 ±   1 сек                        Время подъема                               80-100 ±   2 сек   Кажущаяся плотность                    от 35 до 70 ±   2 кг/м3  Массовая доля воды                     в полиольном компоненте:         от1,4 до 3,90 ± 0,05 %                                                                                            **Подготовка компонентов и переработка**  Полиольный компонент должен быть перемешан в течение 10 - 15 минут при помощи пригодной лопастной мешалки.  Изоцианатный компонент перемешивания не требует.  Изопол 3255® может перерабатываться как на машинах высокого, так и низкого давления. При переработке необходимо учитывать меры, описанные в Технической информации "Меры по безопасности и предосторожности при переработке полиуретановых систем".  Таблица. Влияние продолжительности формования, температуры форм и активности ППУ - системы (по времени гелеобразования) на свойства ППУ из скорлуп и на дефектность поверхностного слоя скорлуп.   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | Режимы формования | | | Свойства ППУ из скорлуп | | | | Дефектность поверхности, % | | Тф , °С | τф, мин | τгеля, сек | γ сер., кг/ м3 | σсж, кПа | Тв (50Н), °С | W90°, об.% | | 16 | **20** | 67 | 50,3 | 152 | 90 | 11,3 | 100 | | 16 | **30** | 67 | 48,9 | 145 | 94 | 11,4 | 28 | | 16 | **40** | 67 | 48,4 | 156 | 92 | 11,6 | 35 | | 16 | **60** | 67 | 49,0 | 143 | 91 | 11,2 | 16 | |  | | | | | | | | | **18** | 15 | 67 | 51,3 | 166 | 108 | 11,0 | 100 | | **20** | 15 | 67 | 50,3 | 182 | 105 | 9,8 | 100 | | **22** | 15 | 67 | 50,8 | 200 | 114 | 9,5 | 47 | | **24** | 15 | 67 | 51,1 | 226 | 122 | 9,3 | 59 | | **26** | 15 | 67 | 50,2 | 244 | 127 | 8,0 | 6 | |  | | | | | | | | | **16** (1 заливка)\* | 15 | 67 | 48,2 | 157 | 99 | 11,3 | 100 | | **20** (2 заливка)\* | 15 | 67 | 49,7 | 199 | 101 | 9,9 | 47 | | **22** (3 заливка)\* | 15 | 67 | 49,5 | 208 | 107 | 9,5 | 36 | | **23** (4 заливка)\* | 15 | 67 | 51,1 | 212 | 112 | 9,2 | 24 | | **24** (5 заливка)\* | 15 | 67 | 50,1 | 218 | 121 | 8,4 | 18 | |  | | | | | | | | | 16 | 15 | **65** | 50,6 | 182 | 119 | 10,6 | 100 | | 16 | 15 | **54** | 50,4 | 205 | 123 | 9,2 | 43 | | 16 | 15 | **47** | 51,4 | 230 | 123 | 8,3 | 24 | | 16 | 15 | **42** | 51,4 | 236 | 133 | 7,9 | 18 | | \* Примечание: температура форм повышается за счет тепла реакции уретанообразования при последовательных заливках аналогично цеховым условиям | | | | | | | |   **Упаковка:**  Система упакована в стальные бочки синего и красного цвета вместимостью 200-250 литров (нетто 220 кг компонент А и нетто 250 кг компонент Б) | |